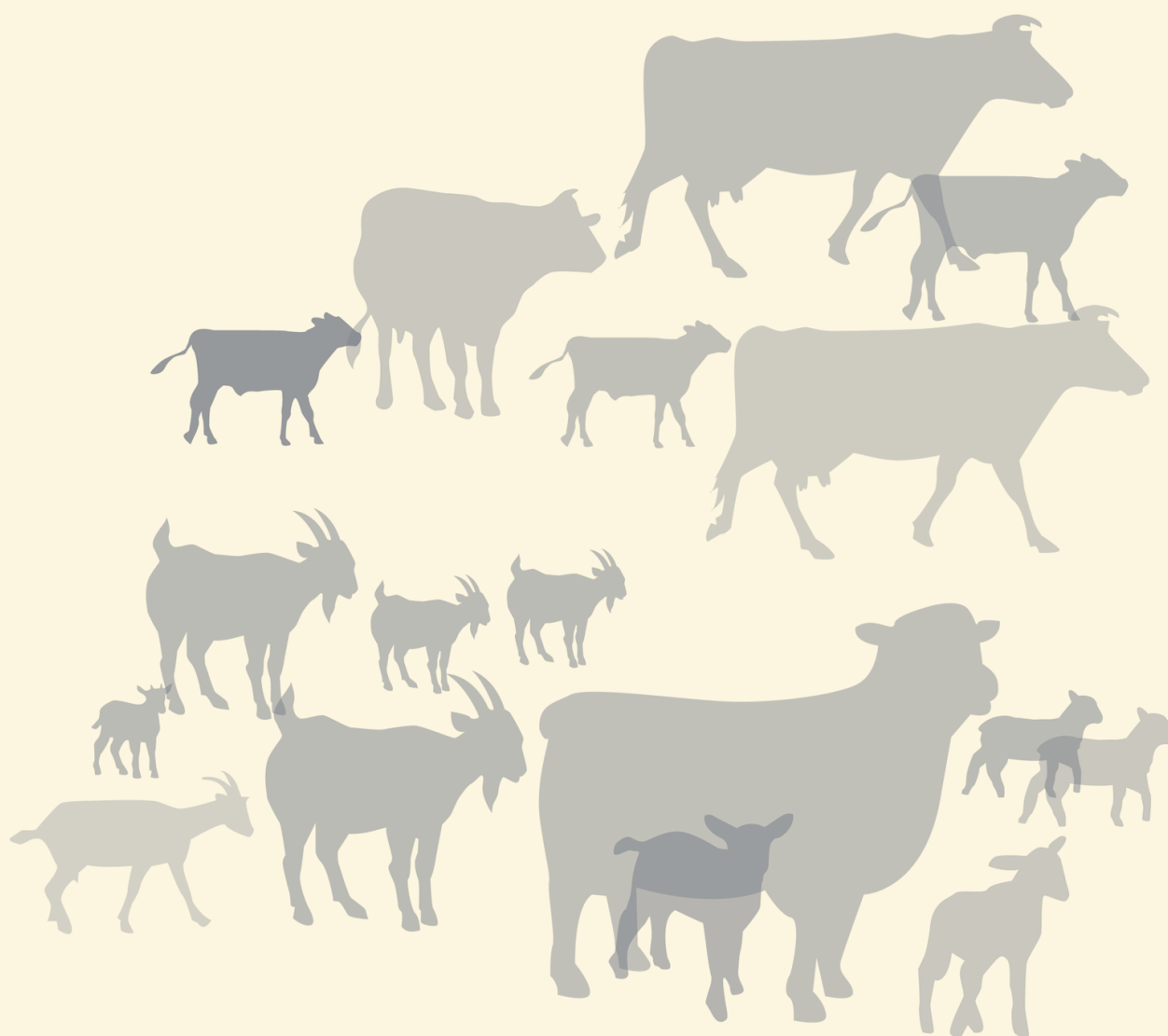


Milk recording results

France 2021



Collection

Résultats

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MILK RECORDING

RESULTS OF

CATTLE, GOATS AND SHEEP

- FRANCE - Year 2021 -



Report n° 0022201005
GT/JMA/XB

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Milk recording results - Dairy Cattle France – Year 2021

*Source of pictures: :
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Data processing

In paragraph 1.1.1, the **number of active cows** refers to cows still present on the 31st of December 2021 in a herd with active Official Milk Recording (=MR) contract and for which at least one milk record has been registered throughout the year 2021.

In paragraph 1.1.2, the **number of active herds** refers to herds with active Official Milk Recording contract on the 31st of December 2021 and with at least one active cow taken in account over the year (and still present in this herd on the 31st of December 2021).

Annual milk recording results (starting at paragraph 1.2) have been calculated on 30 January 2022 by the Genetic Information Processing Centre (in accordance with the French National Institute for Agricultural Research [INRA] specifications) and processed by the Institut de l'Élevage. These results take into account **one lactation per cow; the last terminated one** (with a calving date after January 1st, 2018). This rule involves that the primiparous still on lactation are therefore not counted up in these results.

These terminated lactations may be qualified or not. The non-qualified ones are taken into account into the calculation of the terminated lactations' overall total (see paragraph 1.1.3) and are classified according to the cause of non-qualification (cf. paragraph 1.3.2) but are not included in the calculation of milk yield and contents results.

The herds for which lactation results are calculated are the only ones taken into account in this document. This total is therefore slightly higher than the number of « active herds » (see results presented in paragraph 1.1) because it takes into account some herds that have been controlled during the previous year but were not active anymore after the 31st of December 2021.

Into the paragraph 1.3.2, the proportion of the non-qualified lactations due to cause of non-qualification 1 (i.e. excessively long interval between calving and the 1st test-date) related to a herd with first MR contract is determined as follows:

The first condition is that the date of beginning of the lactation, (= calving date) taken into account in the current results must be prior to the starting date of MR contract of the herd the cow belongs to (link between a cow and a herd is searched at the last test-date in milk of the cow).

In case this first condition is met, one determines whether a previous MR contract did exist for the relevant herd:

- if so, the interval between the date when the previous MR contract ended and the starting date of the next MR contract is calculated. If this interval is over 365 days long, it is considered as a first MR contract for the relevant herd,
- if not so, it is also considered as a first MR contract for the relevant herd.

Only local areas (= French « départements ») for which more than 40 lactations results counted up are in tables 3.2, 3.4 and 3.6. The results presented in tables 3.3, 3.5 and 3.7 take into account only breeds for which at least 40 lactations have been counted up in the corresponding local area.

This document has been produced with the substantial assistance in programming of Mrs N. Weiswald (Genetic Information Processing Centre in Jouy-en-Josas).



Trends for 2021

32,669 herds provided 2,064,131 qualified lactations in 2021. Decreasing respectively from 6.1% and 6.2% the herd number and the number of qualified lactations confirm the trend observed since several years.

The three main French national breeds (Prim'Holstein, Montbéliarde and Normande) represent henceforth 90.6% of the total of qualified lactations (-0.4% compared to 2020).

With 46.8% the percentage of herds with more than 60 qualified lactations is stable in 2021, confirming the end of the rising trend observed the previous year (46.8 in 2020, 47.5 in 2019, 45.1% in 2018 and 40.1% in 2017). In the same time, with 68.8% the rate of qualified lactations they represent follow the same trend (68.8 in 2020, 69% in 2019, 66.9% in 2018 and 63.1% in 2017).

With an average milk production for complete lactations at 8,887 Kg, the milk yield is increasing in 2021 (+ 180kg). In the same time the average lactation duration reach 344 days (+4 days). Mean fat and protein rates reach respectively to 40.6 g/kg for fat (+0.1) and 32.9 g/kg for proteins (+0.1).

A noticeable improvement in somatic cell count situation is again observed. The proportion of lactations for which all the test-dates obtain cell counts lower than 300.000 cells and the proportion of lactations having at least 2 test-dates with cell counts higher than 800.000 reach respectively 54.1% et 11.3%.



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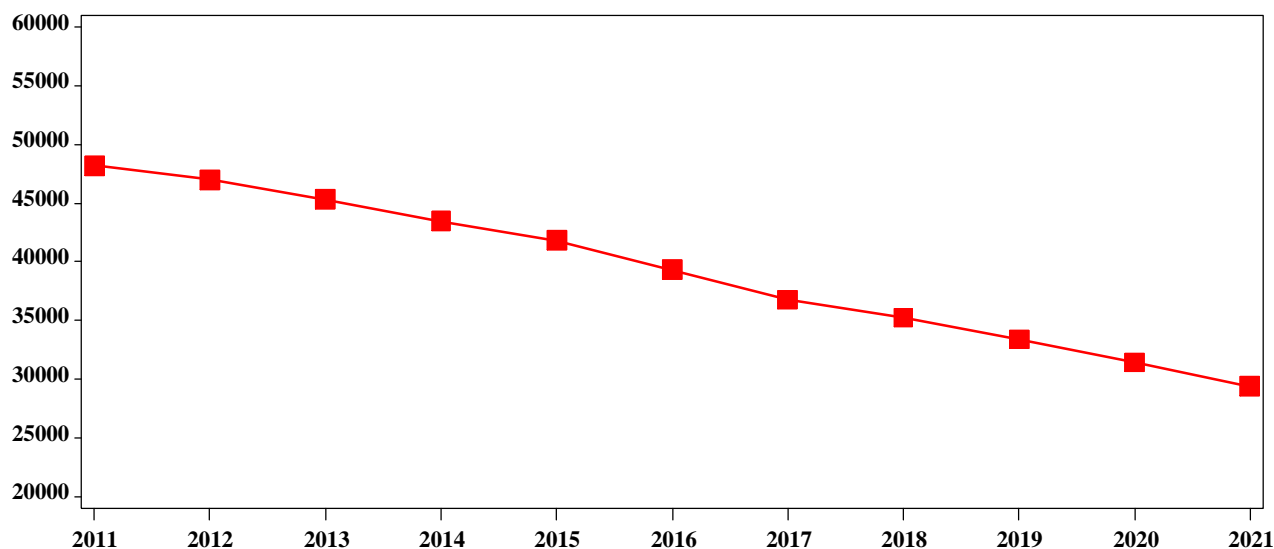


I - NATIONAL RESULTS

1.1 - Total milk recorded population

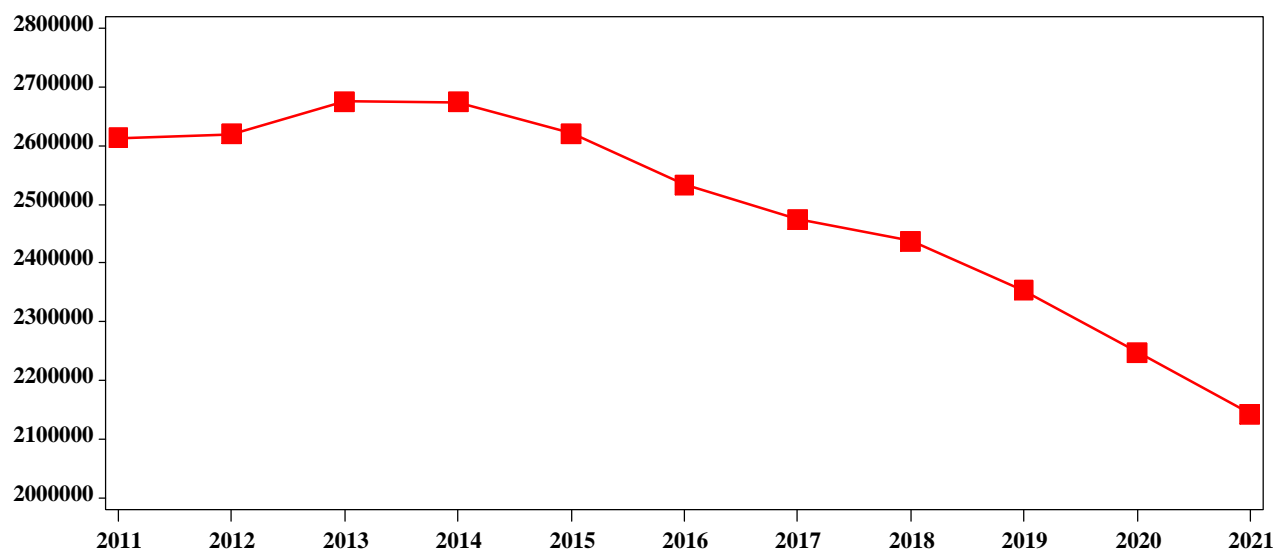
1.1.1 - Total number of active herds on December, 31st, 2021*

29,382 herds



1.1.2 - Total number of active cows on December, 31st, 2021*

2,142,313 cows



For information about how the number of “active herds” and “active cows” is calculated, refer to « Data processing » paragraph (cf. page 4).



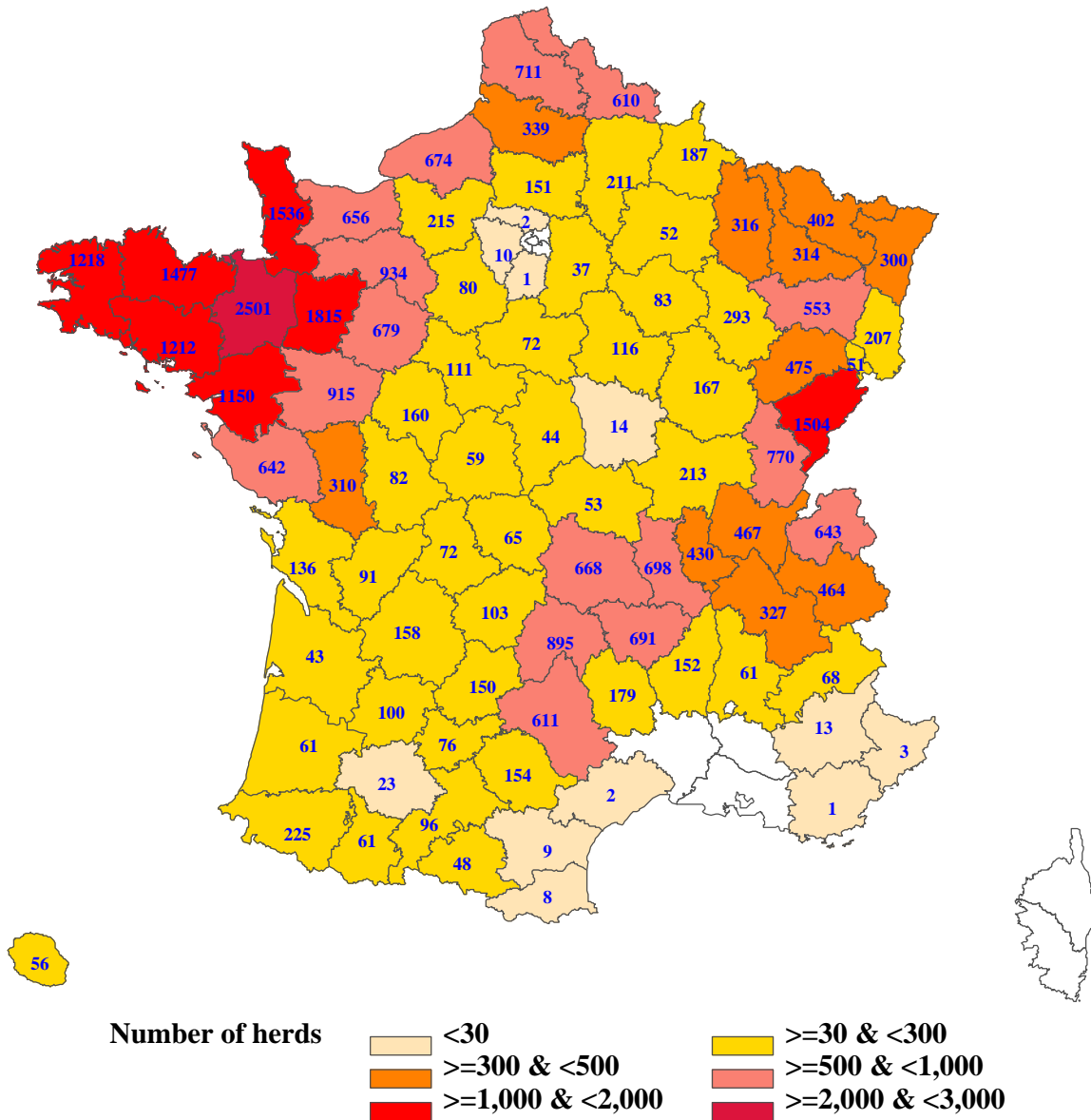
1.1.3 - Terminated lactations

These results take into account the last terminated lactation (qualified or not) of each animal (refer to paragraph « Data processing » on page 4 for further details).

1.1.3.1 - Total number of herds with terminated lactations

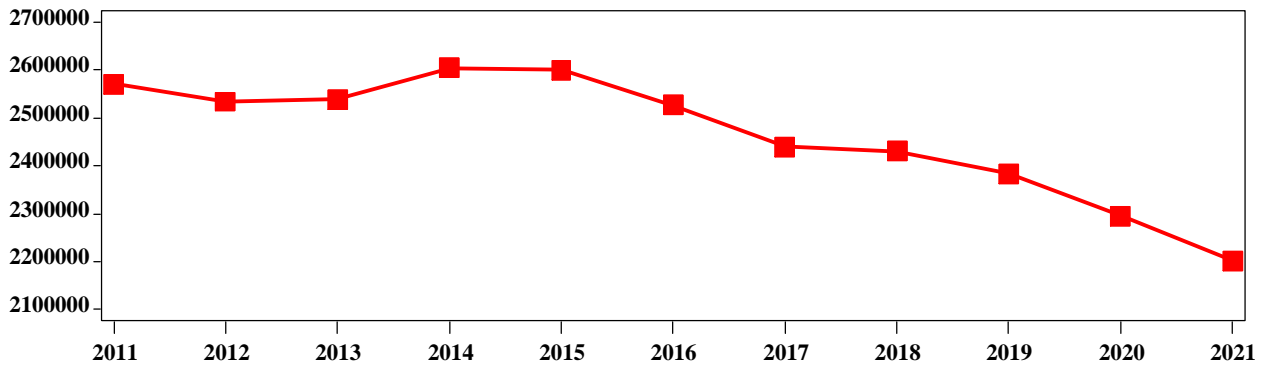
32,792 herds

Herd distribution with terminated lactations per local area (= French “département”)

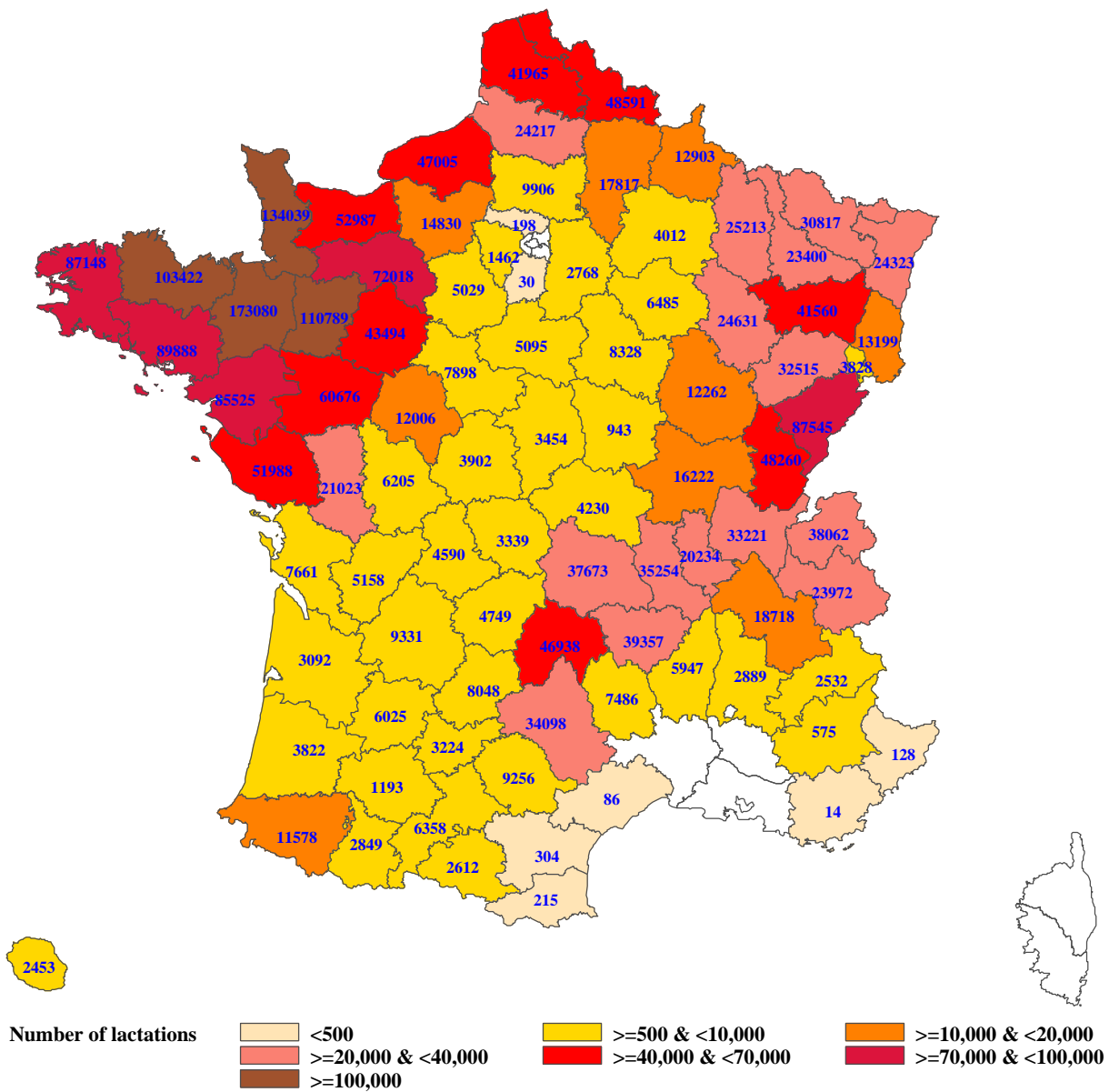


1.1.3.2 - Total number of terminated lactations

2,202,172 lactations



Distribution of terminated lactations per local area



1.2 - Qualified lactations

This table shows the distribution of qualified lactations according to the year of calving and of drying off.

Year of calving	Year of drying off								Overall total	
	2018		2019		2020		2021			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%
2018	5,057	0.2	46,436	2.2	8,724	0.4	4,700	0.2	64,917	3.1
2019			4,693	0.2	166,766	8.1	125,164	6.1	296,623	14.4
2020					52,157	2.5	1,422,308	68.9	1,474,465	71.4
2021							228,126	11.1	228,126	11.1
Overall total	5,057	0.2	51,129	2.5	227,647	11.0	1,780,298	86.2	2,064,131	100

For example: 1,422,308 qualified lactations (that is to say 68.9 % of the overall total) match the following criteria: a calving date in 2020 a drying off date in 2021.

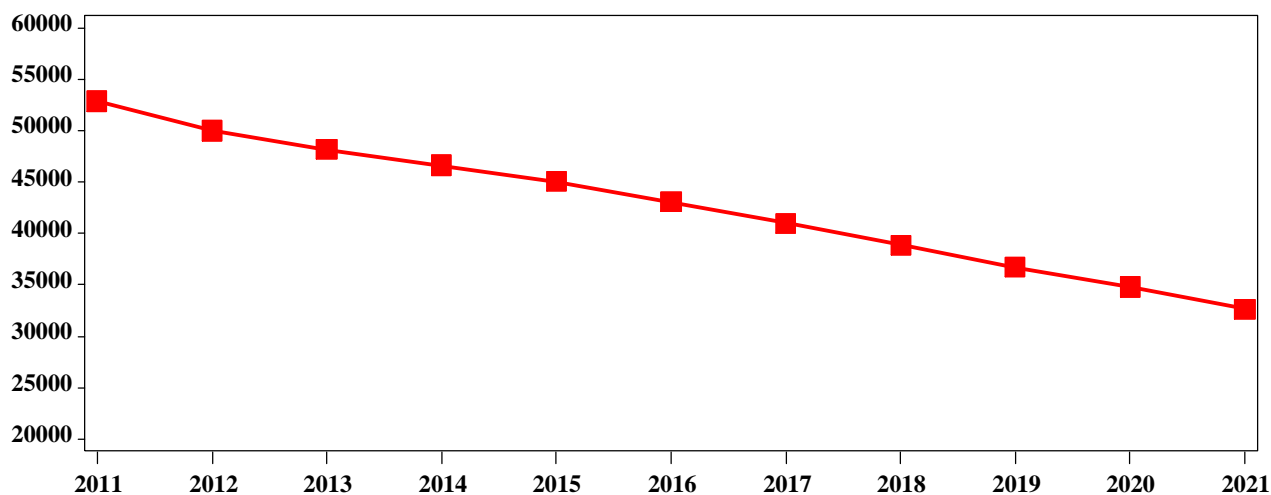


1.2.1 - Complete lactations

These results take in account all the qualified lactations, with no delete or no kind of adjustment, whatever their duration.

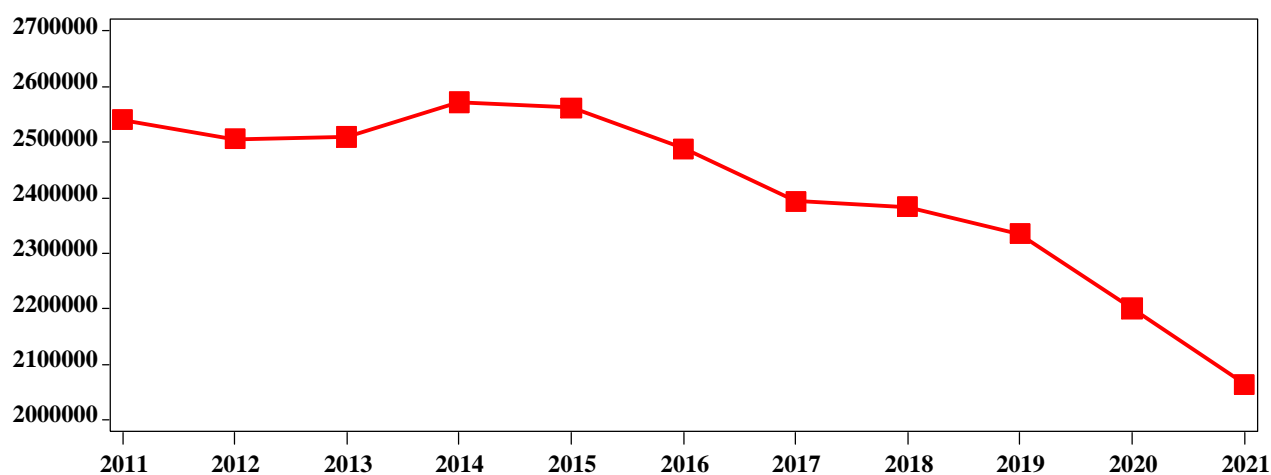
1.2.1.1 - Total number of herds which provided complete lactation results

32,669 herds



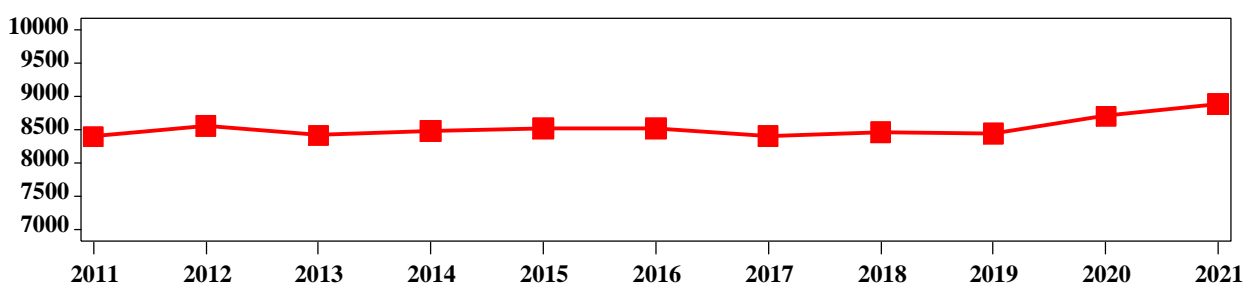
1.2.1.2 - Total number of complete lactations

2,064,131 lactations

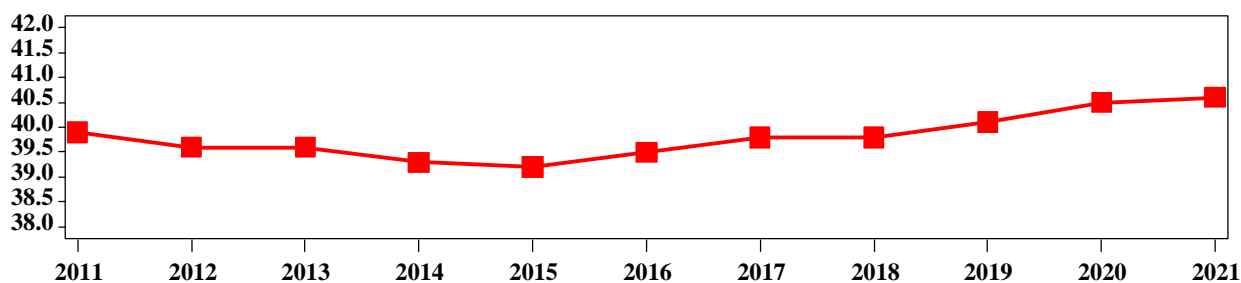


		2021	Variation 2021/2020	2020
Number of results		2,064,131	-136,521	2,200,652
Lactation duration	days	344	5	339
Milk yield	kg	8,887	180	8,707
Fat content	kg	361	8	353
Fat ‰	g/kg	40.6	0.1	40.5
True protein content	kg	292	6	286
True protein	g/kg	32.9	0.1	32.8
Protein ‰	g/kg	34.6	0.1	34.5
True protein + fat content	kg	653	15	638
True protein + fat ‰	g/kg	73.5	0.2	73.3

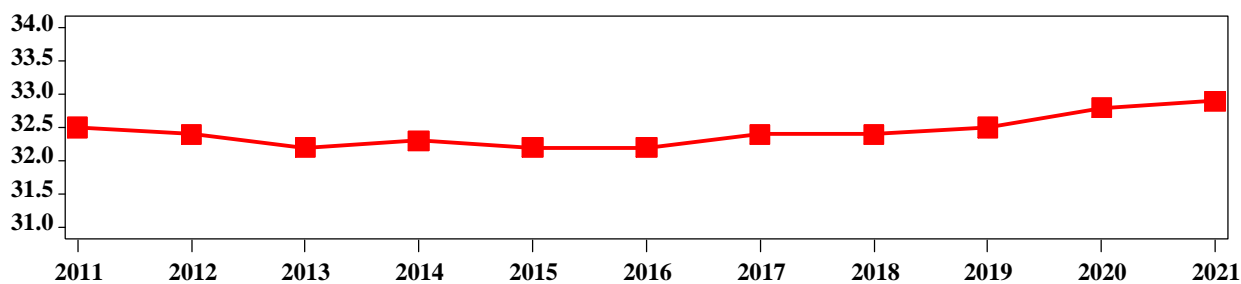
Milk yield – complete lactations - kg



Fat ‰ – complete lactations - g/kg

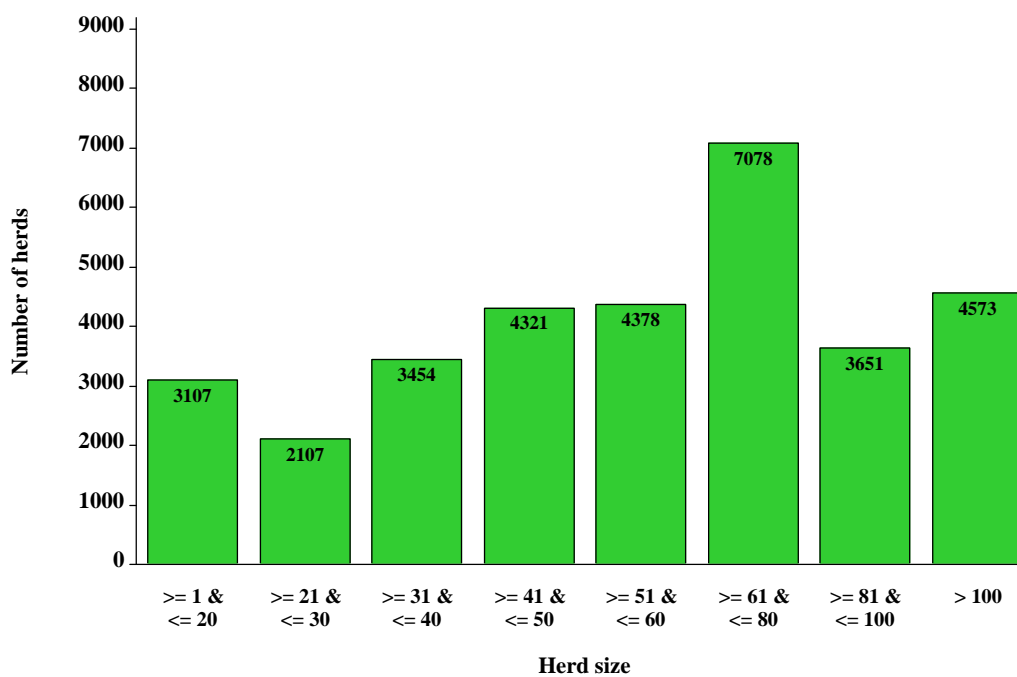


True protein ‰ – complete lactations - g/kg



1.2.2 - Herds distribution per herd size

Herd size	Herds		Lactation results		Milk yield	Fat %	True protein %	Duration
	<i>Nb</i>	%	<i>Nb</i>	%	<i>kg</i>	<i>g/kg</i>	<i>g/kg</i>	<i>days</i>
>=1 & <=20	3,107	9.5	24,804	1.2	7,394	40.2	32.4	333
>=21 & <=30	2,107	6.4	55,092	2.7	7,585	40.3	32.7	346
>=31 & <=40	3,454	10.6	123,610	6.0	7,997	40.3	32.8	347
>=41 & <=50	4,321	13.2	197,086	9.5	8,326	40.5	32.8	347
>=51 & <=60	4,378	13.4	242,687	11.8	8,680	40.7	32.9	347
>=61 & <=80	7,078	21.7	493,296	23.9	8,920	40.7	32.9	345
>=81 & <=100	3,651	11.2	326,381	15.8	9,060	40.7	32.8	344
>100	4,573	14.0	601,175	29.1	9,396	40.7	32.9	341
Overall total	32,669	100	2,064,131	100	8,887	40.6	32.9	344

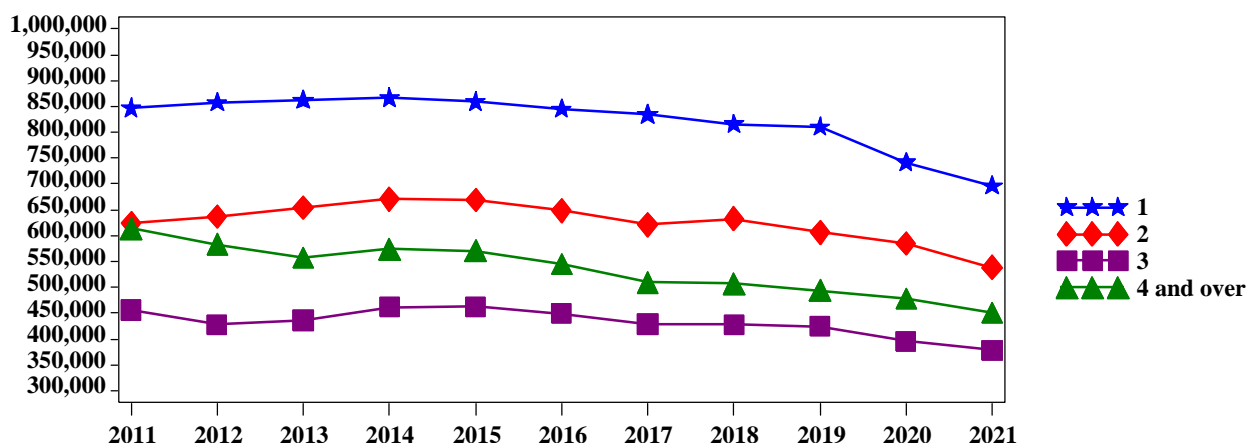


1.2.3 - Complete lactations per parity

1.2.3.1 - Number and percentage of results per parity

Parity	Number	%
1st lactation	696,634	33.7
2nd lactation	538,022	26.1
3rd lactation	378,714	18.3
4th lactation	227,597	11.0
5th lactation	125,164	6.1
6th lactation	58,008	2.8
7th lactation	24,631	1.2
Lactation 8 and over	15,361	0.7
Overall total	2,064,131	100

Average parity 2.5

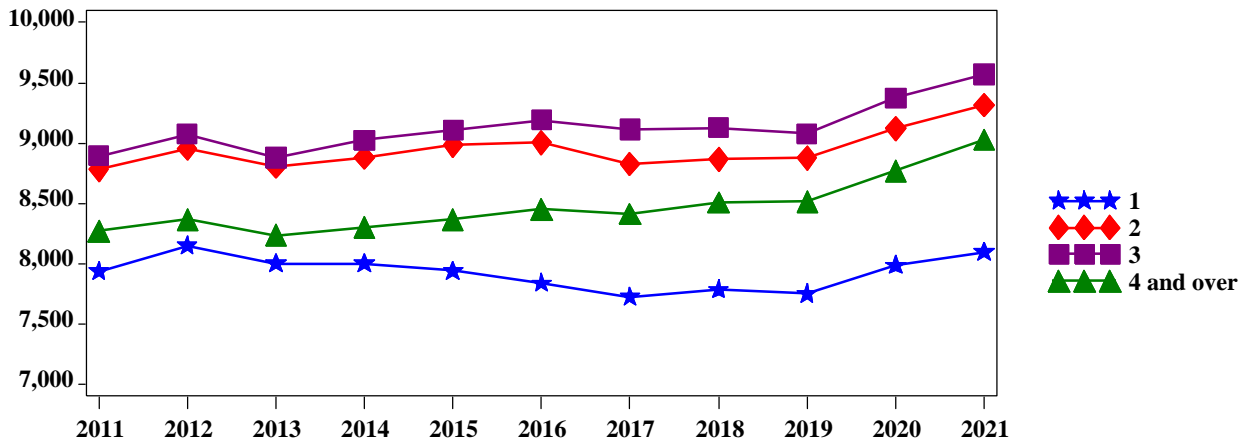


1.2.3.2 - Average results of complete lactations per parity (1st, 2nd, 3rd, 4th and over)

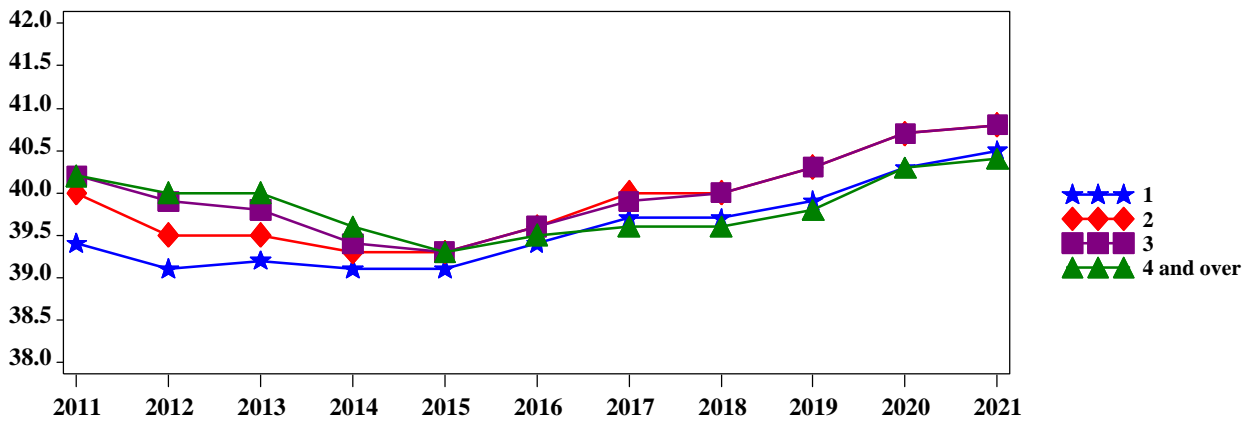
Parity		1	2	3	4 and over
Number of results		696,634	538,022	378,714	450,761
% of the results		33.7	26.1	18.3	21.8
Lactation duration	days	348	347	344	334
Milk yield	kg	8,097	9,313	9,570	9,025
Fat content	kg	328	380	390	365
Fat ‰	g/kg	40.5	40.8	40.8	40.4
True protein content	kg	267	308	314	292
True protein ‰	g/kg	33.0	33.1	32.8	32.4
True protein + fat content	kg	596	689	704	657
True protein + fat ‰	g/kg	73.6	73.9	73.5	72.8



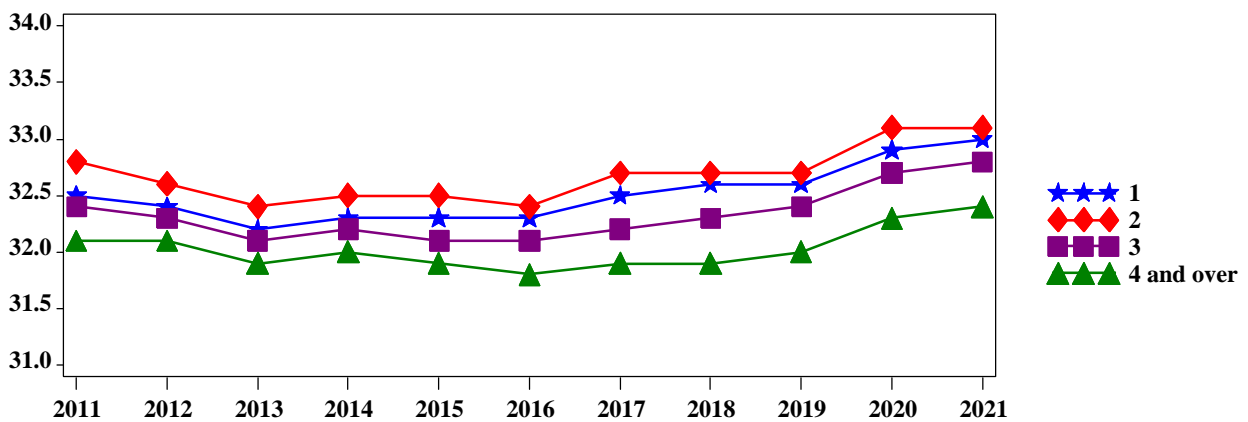
Milk yield – complete lactations - kg



Fat % – complete lactations - g/kg



True protein % – complete lactations - g/kg



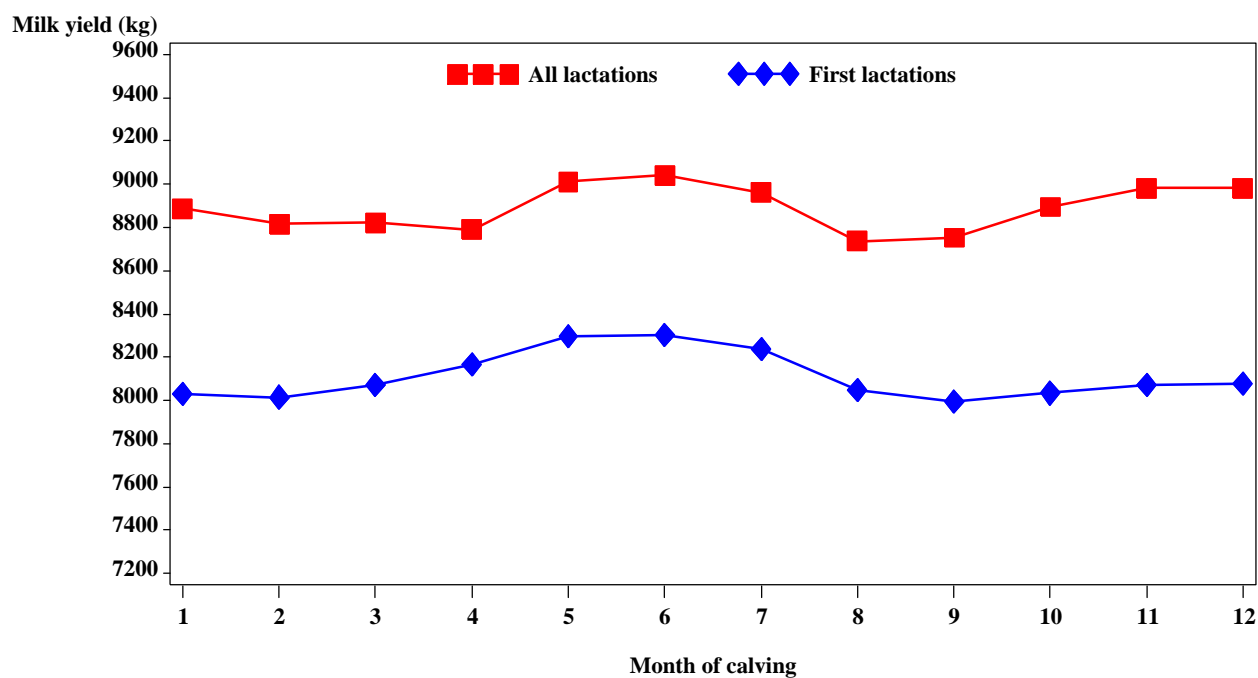
1.2.4 - Complete lactations per month of calving - all lactations and first lactations

Month of calving	All lactations									
	Number of lactations	%	Lactation duration days	Milk yield kg	Fat content kg	Fat ‰ g/kg	True protein content kg	True protein ‰ g/kg	Fat + true protein content kg	Fat + true protein ‰ g/kg
January	170,977	8.3	342	8,887	358	40.3	290	32.6	647	72.8
February	142,264	6.9	342	8,817	355	40.3	288	32.7	644	73.0
March	137,419	6.7	347	8,822	355	40.3	288	32.7	643	72.9
April	113,001	5.5	349	8,790	356	40.5	288	32.7	644	73.2
May	126,197	6.1	353	9,011	367	40.7	296	32.8	663	73.5
June	142,936	6.9	351	9,041	370	40.9	298	32.9	667	73.8
July	163,982	7.9	346	8,963	366	40.9	296	33.0	662	73.9
August	206,007	10.0	340	8,738	359	41.0	290	33.2	649	74.3
September	230,721	11.2	341	8,753	359	41.0	290	33.2	649	74.1
October	221,774	10.7	342	8,895	363	40.8	293	33.0	656	73.7
November	212,464	10.3	342	8,982	364	40.5	294	32.8	658	73.2
December	196,389	9.5	342	8,982	362	40.3	293	32.6	654	72.8
Overall total	2,064,131	100	344	8,887	361	40.6	292	32.9	653	73.5

Month of calving	First lactations									
	Number of lactations	%	Lactation duration days	Milk yield kg	Fat content kg	Fat ‰ g/kg	True protein content kg	True protein ‰ g/kg	Fat + true protein content kg	Fat + true protein ‰ g/kg
January	59,592	8.6	346	8,032	322	40.1	264	32.8	586	73.0
February	47,277	6.8	349	8,015	323	40.3	264	33.0	588	73.3
March	46,279	6.6	353	8,071	326	40.4	266	33.0	593	73.4
April	41,234	5.9	354	8,166	332	40.6	269	33.0	601	73.6
May	44,792	6.4	356	8,295	338	40.7	274	33.0	612	73.7
June	46,192	6.6	353	8,305	339	40.8	274	33.0	613	73.8
July	49,571	7.1	349	8,238	336	40.8	273	33.1	609	73.9
August	64,178	9.2	343	8,048	328	40.8	267	33.2	596	74.0
September	82,744	11.9	344	7,994	325	40.7	266	33.2	591	73.9
October	77,196	11.1	345	8,034	326	40.5	266	33.1	592	73.7
November	71,214	10.2	346	8,071	326	40.3	266	33.0	592	73.3
December	66,365	9.5	347	8,076	324	40.1	265	32.8	589	73.0
Overall total	696,634	100	348	8,097	328	40.5	267	33.0	596	73.6



Milk yield per calving month – kg



1.2.5 - 305-d lactations (= reference lactations)

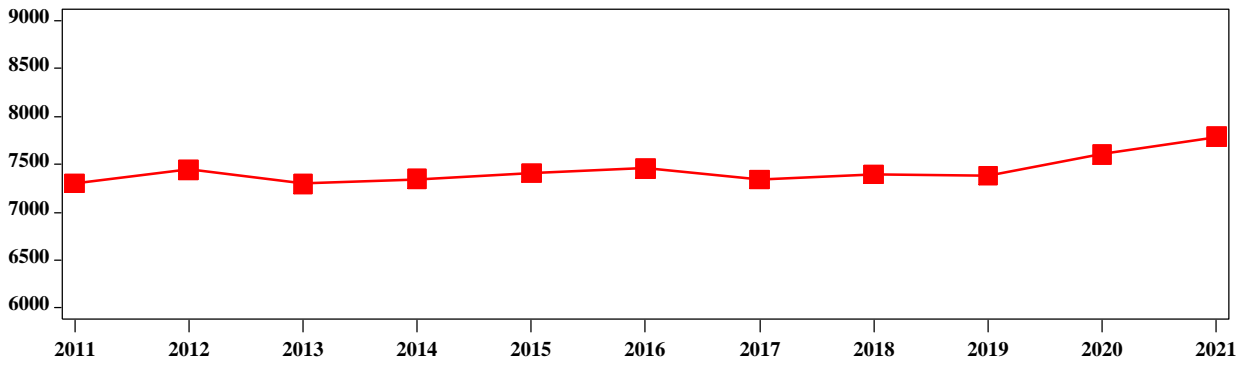
Two scenarios are possible for calculating the reference lactations:

1. **The complete lactation exceeds the reference period (305 days).** In this case, the results of the reference are calculated by interpolation, using the Fleischmann method.
2. **Complete lactation does not exceed the reference period.** In this case, the results of the reference lactation are those of the complete lactation.

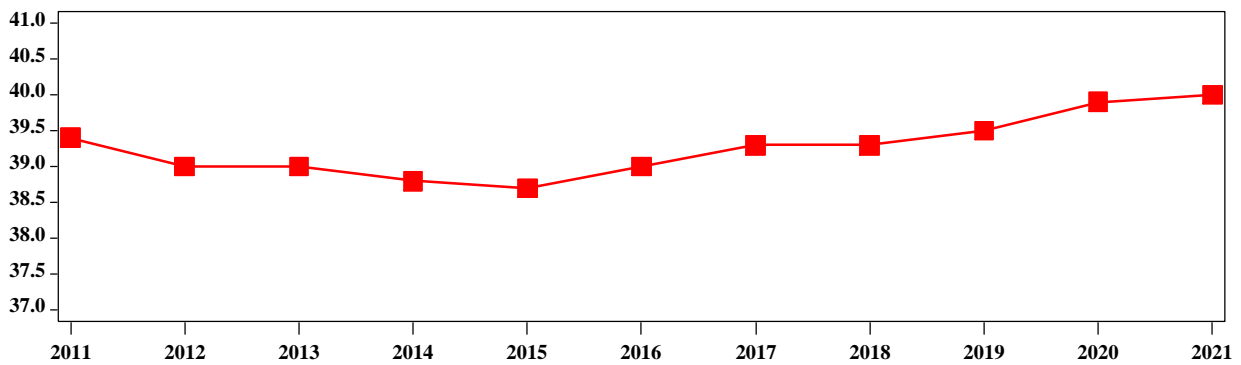
		2021	2020
Milk yield	kg	7,786	7,602
Fat content	kg	312	303
Fat %	g/kg	40.0	39.9
True protein content	kg	252	245
True protein %	g/kg	32.3	32.2
Fat + true protein content	kg	563	548
Fat + true protein %	g/kg	72.4	72.1



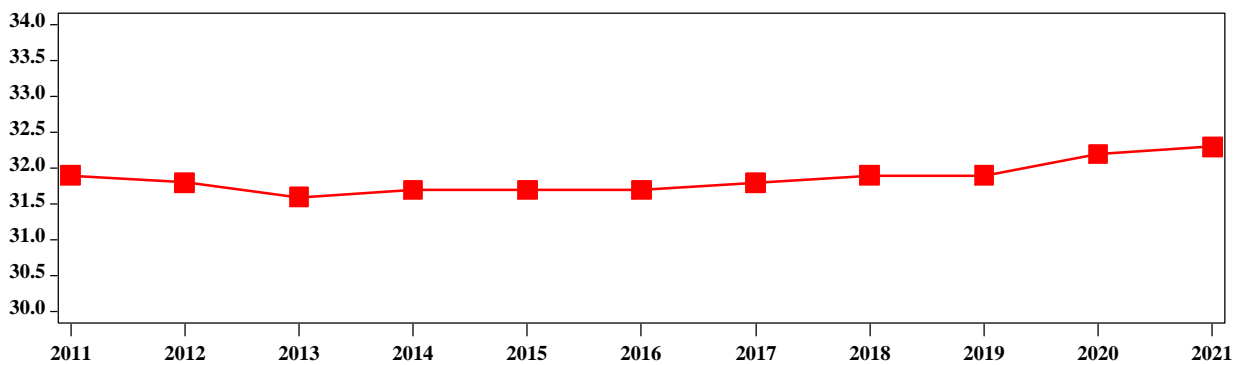
Milk yield - 305-d lactations - kg



Fat % - 305-d lactations - g/kg



True protein % - 305-d lactations - g/kg



1.2.6 - Adjusted lactations

Steps taken to obtain these results:

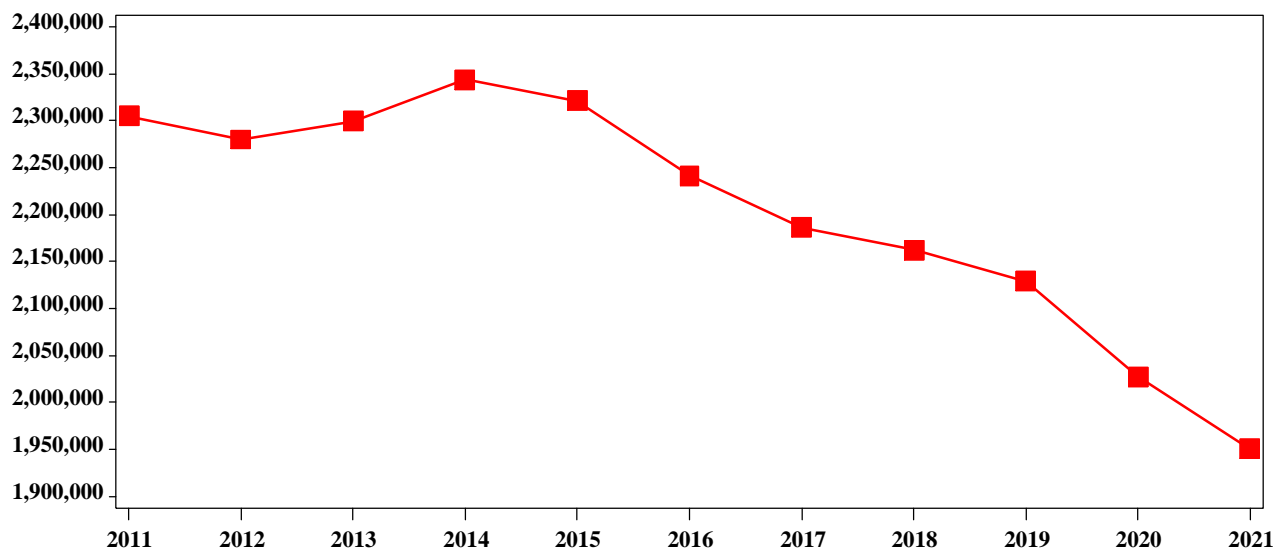
Firstly, exclusion of the lactations with duration lower than 200 days (representing 113,786 lactations, that is to say 5.5 % of the total number).

Secondly, the remaining lactations are adjusted to adult level by multiplying the results for parity 1 to 3 by the following coefficients defined by the French National Institute for Agricultural Research (INRA):

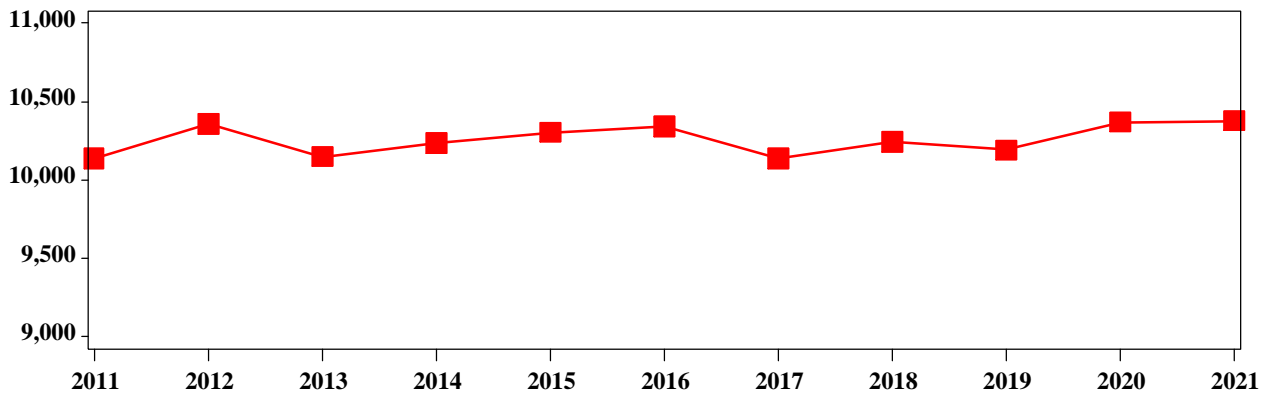
1.30 for 1st lactations ; 1.12 for 2nd lactations ; 1.03 for 3rd lactations ; 1.00 for lactations 4 and over.

		2021	2020
Complete lactations	<i>Nb</i>	2,064,131	2,200,652
Adjusted lactations	<i>Nb</i>	1,950,345	2,027,491
	<i>%</i>	94%	92%
Lactation duration	<i>days</i>	355	357
Milk yield	<i>kg</i>	10,378	10,370
Fat content	<i>kg</i>	422	420
Fat %	<i>g/kg</i>	40.7	40.5
True protein content	<i>kg</i>	342	341
True protein %	<i>g/kg</i>	32.9	32.9
Fat + true protein content	<i>kg</i>	764	761
Fat + true protein %	<i>g/kg</i>	73.6	73.4

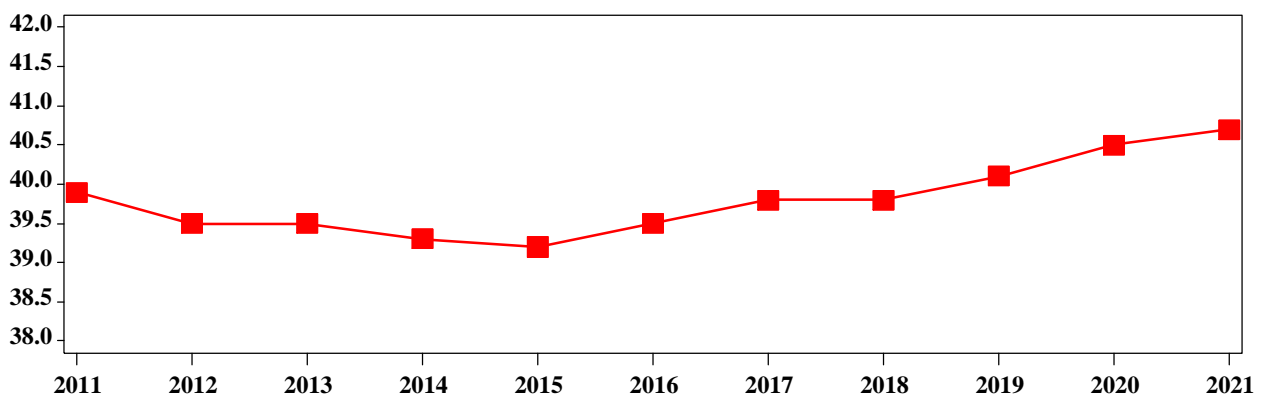
Number of adjusted lactations



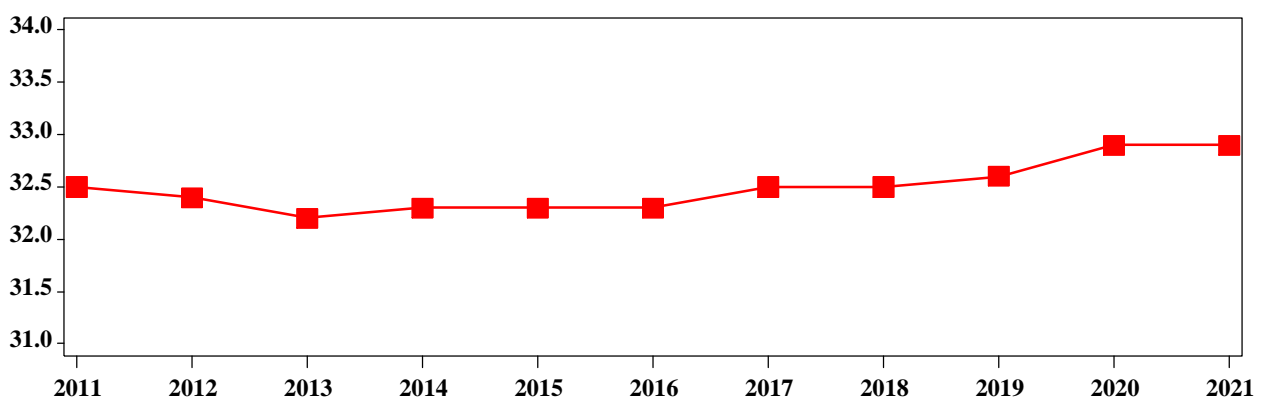
Milk yield - adjusted lactations - kg



Fat % - adjusted lactations - g/kg

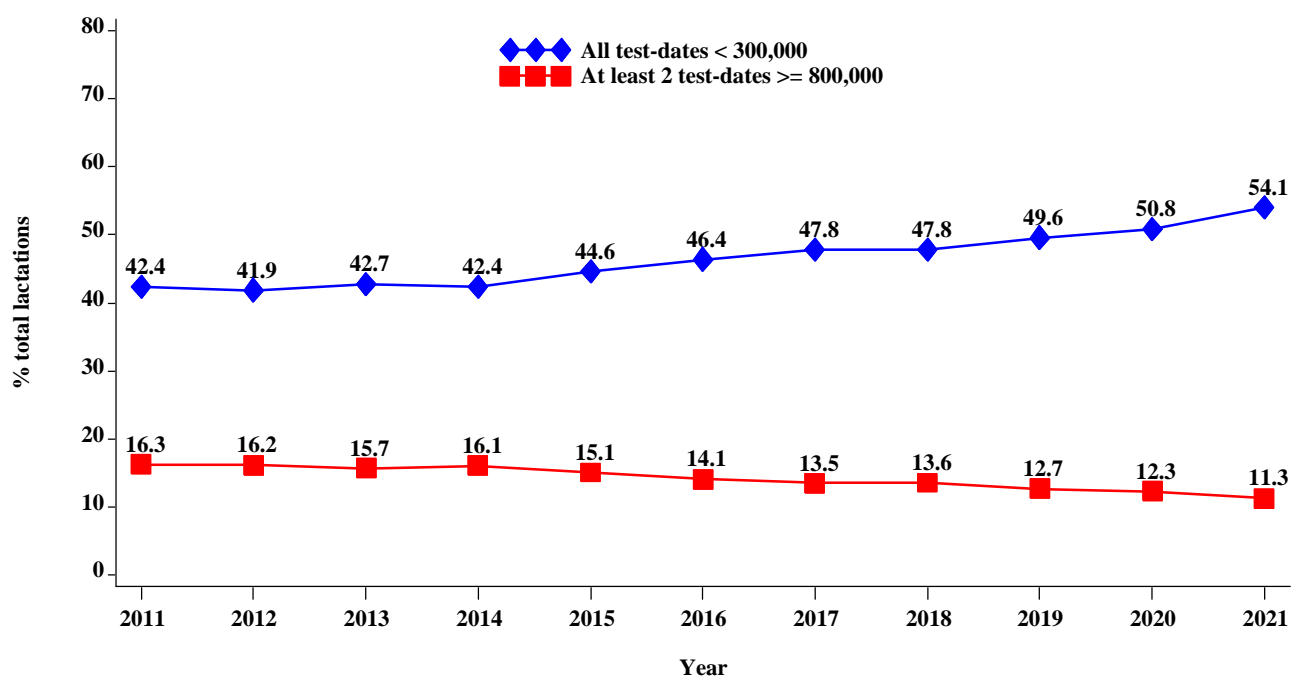


True protein % - adjusted lactations - g/kg



1.2.7 - Evolution of the individual cell count results

Year	At least 2 test-dates with cell count $\geq 800,000$		Lactations with All the test-dates with cell count $< 300,000$		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	413,276	16.3	1,077,970	42.4	1,048,912	41.3	2,540,158
2012	405,313	16.2	1,049,558	41.9	1,051,072	41.9	2,505,943
2013	393,158	15.7	1,070,375	42.7	1,046,094	41.7	2,509,627
2014	415,073	16.1	1,089,574	42.4	1,067,377	41.5	2,572,024
2015	387,179	15.1	1,143,536	44.6	1,031,468	40.3	2,562,183
2016	351,106	14.1	1,154,341	46.4	982,703	39.5	2,488,150
2017	322,706	13.5	1,143,090	47.8	927,988	38.8	2,393,784
2018	325,037	13.6	1,140,258	47.8	918,244	38.5	2,383,539
2019	296,944	12.7	1,157,271	49.6	880,704	37.7	2,334,919
2020	271,132	12.3	1,117,590	50.8	811,930	36.9	2,200,652
2021	232,486	11.3	1,117,110	54.1	714,535	34.6	2,064,131



Compared to 2020, the percentage of lactations with at least 2 test-dates $>800,000$ cells decreases of -1.0% in 2021, whereas the percentage of lactations with all test-dates $<300,000$ cells increases of 3.3%.



1.3 - Lactation qualification

1.3.1 - Qualified lactations per qualification method

Qualification method	Number of qualified lactations	%
A4	498,558	24.2
A5	201,386	9.8
A6	102,377	5.0
A7	64,719	3.1
A8	48,913	2.4
A9	39,431	1.9
AR*4	26,183	1.3
AR*5	14,592	0.7
AR*6	8,822	0.4
AR*7	11,100	0.5
AR*8	19,900	1.0
AR*9	6,343	0.3
AR4	2,374	0.1
AR5	2,192	0.1
AR6	1,369	0.1
AR7	1,903	0.1
AR8	3,097	0.2
AR9	914	0.0
AT*4	190,885	9.2
AT*5	94,971	4.6
AT*6	38,368	1.9
AT*7	21,457	1.0
AT*8	15,924	0.8
AT*9	16,700	0.8
AT4	65,593	3.2
AT5	36,517	1.8
AT6	19,286	0.9
AT7	8,027	0.4
AT8	9,730	0.5
AT9	6,004	0.3
B4	91,482	4.4
B5	55,506	2.7
B6	27,708	1.3
B7	13,564	0.7
B8	13,938	0.7
B9	9,160	0.4
BR4	10,364	0.5
BR5	11,760	0.6
BR6	8,029	0.4
BR7	6,783	0.3
BR8	12,347	0.6
BR9	2,775	0.1



Qualified lactations per qualification method (cont.)

Qualification method	Number of qualified lactations	%
BR*4	31,534	1.5
BR*5	22,282	1.1
BR*6	14,467	0.7
BR*7	18,126	0.9
BR*8	33,307	1.6
BR*9	10,161	0.5
BT*4	10,624	0.5
BT*5	7,795	0.4
BT*6	3,910	0.2
BT*7	1,632	0.1
BT*8	1,351	0.1
BT*9	1,448	0.1
BT4	2,146	0.1
BT5	1,217	0.1
BT6	880	0.0
BT7	280	0.0
BT8	559	0.0
BT9	347	0.0
BZ*4	5,720	0.3
BZ*5	3,570	0.2
BZ*6	1,611	0.1
BZ*7	749	0.0
BZ*8	528	0.0
BZ*9	556	0.0
BZ4	733	0.0
BZ5	617	0.0
BZ6	180	0.0
BZ7	69	0.0
BZ8	166	0.0
BZ9	83	0.0
CZ*4	15,763	0.8
CZ*5	6,435	0.3
CZ*6	3,253	0.2
CZ*7	2,156	0.1
CZ*8	1,898	0.1
CZ*9	1,082	0.1
CZ4	9,452	0.5
CZ5	2,557	0.1
CZ6	1,395	0.1
CZ7	868	0.0
CZ8	940	0.0
CZ9	633	0.0
Total	2,064,131	100



1.3.2 - Qualified lactations per milk recording method

Method	All protocols		Protocols																					
	Num	%Meth	A		AR et AR*			AT et AT*			B		BR et BR*			BT et BT*			BZ et BZ*			CZ et CZ*		
			Num	%A	Num	%AR	%AR*	Num	%AT	%AT*	Num	%A	Num	%BR	%BR*	Num	%BT	%BT*	Num	%BZ	%BZ*	Num	%CZ	%CZ*
4	961,411	46.6	498,558	24.2	28,557	0.1	1.3	256,478	3.2	9.2	91,482	4.4	41,898	0.5	1.5	12,770	0.1	0.5	6,453	0.0	0.3	25,215	0.5	0.8
5	461,397	22.4	201,386	9.8	16,784	0.1	0.7	131,488	1.8	4.6	55,506	2.7	34,042	0.6	1.1	9,012	0.1	0.4	4,187	0.0	0.2	8,992	0.1	0.3
6	231,655	11.2	102,377	5.0	10,191	0.1	0.4	57,654	0.9	1.9	27,708	1.3	22,496	0.4	0.7	4,790	0.0	0.2	1,791	0.0	0.1	4,648	0.1	0.2
7	151,433	7.3	64,719	3.1	13,003	0.1	0.5	29,484	0.4	1.0	13,564	0.7	24,909	0.3	0.9	1,912	0.0	0.1	818	0.0	0.0	3,024	0.0	0.1
8	162,598	7.9	48,913	2.4	22,997	0.2	1.0	25,654	0.5	0.8	13,938	0.7	45,654	0.6	1.6	1,910	0.0	0.1	694	0.0	0.0	2,838	0.0	0.1
9	95,637	4.6	39,431	1.9	7,257	0.0	0.3	22,704	0.3	0.8	9,160	0.4	12,936	0.1	0.5	1,795	0.0	0.1	639	0.0	0.0	1,715	0.0	0.1
Total	2,064,131	100.0	955,384	46.3	98,789	0.6	4.2	523,462	7.0	18.3	211,358	10.2	181,935	2.5	6.3	32,189	0.3	1.3	14,582	0.1	0.6	46,432	0.8	1.5

1.3.3 - Qualified lactations per milk recording protocol

Protocols	All methods		Méthods											
	Nb	%Meth	4		5		6		7		8		9	
			Num	%A	Num	%A	Num	%A	Num	%A	Num	%A	Num	%A
A	955,384	46.3	498,558	24.2	201,386	9.8	102,377	5.0	64,719	3.1	48,913	2.4	39,431	1.9
AR	11,849	0.6	2,374	0.1	2,192	0.1	1,369	0.1	1,903	0.1	3,097	0.2	914	0.0
AR*	86,940	4.2	26,183	1.3	14,592	0.7	8,822	0.4	11,100	0.5	19,900	1.0	6,343	0.3
AT	145,157	7.0	65,593	3.2	36,517	1.8	19,286	0.9	8,027	0.4	9,730	0.5	6,004	0.3
AT*	378,305	18.3	190,885	9.2	94,971	4.6	38,368	1.9	21,457	1.0	15,924	0.8	16,700	0.8
B	211,358	10.2	91,482	4.4	55,506	2.7	27,708	1.3	13,564	0.7	13,938	0.7	9,160	0.4
BR	52,058	2.5	10,364	0.5	11,760	0.6	8,029	0.4	6,783	0.3	12,347	0.6	2,775	0.1
BR*	129,877	6.3	31,534	1.5	22,282	1.1	14,467	0.7	18,126	0.9	33,307	1.6	10,161	0.5
BT	5,429	0.3	2,146	0.1	1,217	0.1	880	0.0	280	0.0	559	0.0	347	0.0
BT*	26,760	1.3	10,624	0.5	7,795	0.4	3,910	0.2	1,632	0.1	1,351	0.1	1,448	0.1
BZ	1,848	0.1	733	0.0	617	0.0	180	0.0	69	0.0	166	0.0	83	0.0
BZ*	12,734	0.6	5,720	0.3	3,570	0.2	1,611	0.1	749	0.0	528	0.0	556	0.0
CZ	15,845	0.8	9,452	0.5	2,557	0.1	1,395	0.1	868	0.0	940	0.0	633	0.0
CZ*	30,587	1.5	15,763	0.8	6,435	0.3	3,253	0.2	2,156	0.1	1,898	0.1	1,082	0.1
Total	2,064,131	100.0	961,411	46.6	461,397	22.4	231,655	11.2	151,433	7.3	162,598	7.9	95,637	4.6



1.3.4 - Distribution of non-qualified lactations by cause of non-qualification

Cause of non-qualification	Number of non-qualified lactations	%
1 - Interval too long between calving and 1st test-date	305	0.2
2 - Over 2 test-dates without milk record	62	0.0
3 - Over 3 test-dates without fat or true protein rate	4	0.0
4 - Not allowed interval between 2 test-dates	1,256	0.9
5 - Over one interval between 2 test-dates particularly long	222	0.2
6 - Over 3 long intervals between 2 test-dates	88	0.1
7 - Average interval between 2 test-dates too long	1,010	0.7
A - Interval between calving and 1st test-date > 95 days	25,595	18.5
B - Less than 3 complete test-dates during 305 days of lactation.	88,481	64.1
C - Interval between complete test-days > 95 days	16,777	12.2
D - Average interval between all test-days over 305 lactation days \geq 75 days	4,241	3.1
Overall total	138,041	100

Proportion of new MR contracts in not qualified lactations for the cause NQ = 1

16.7%

Proportion of new MR contracts in not qualified lactations for the cause NQ = A

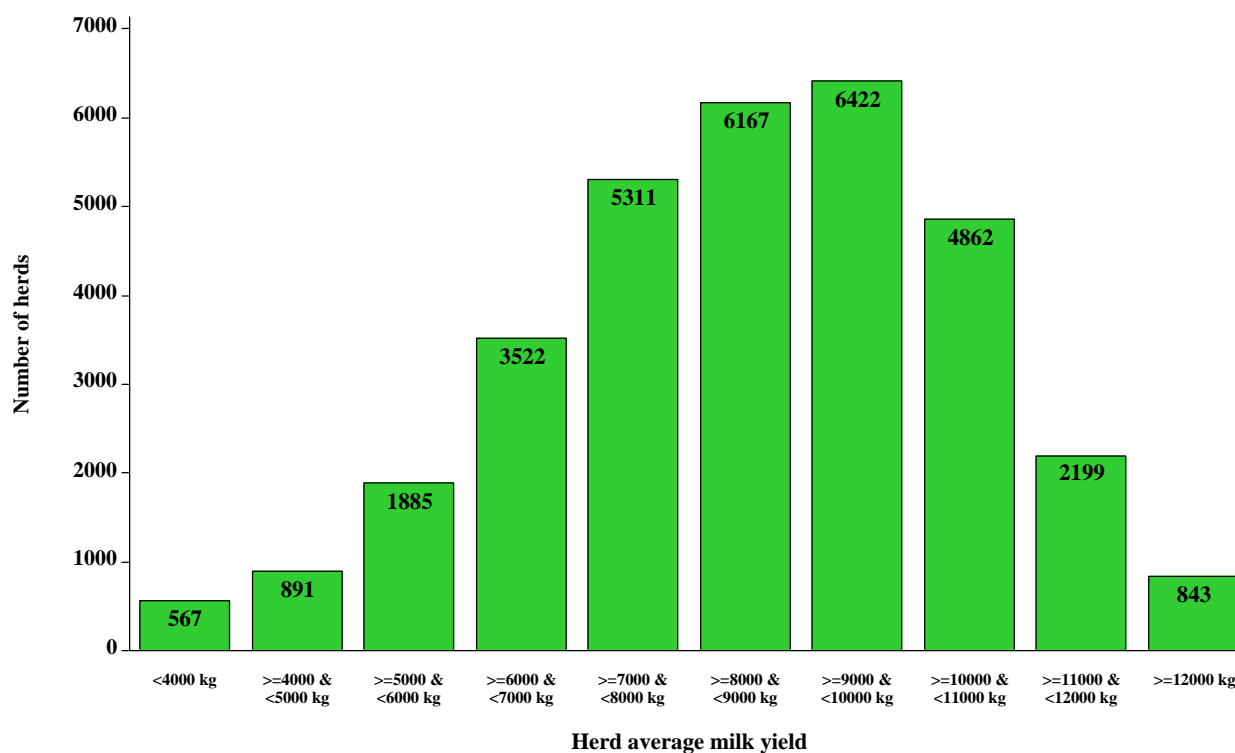
21.3%

¹Les causes de non-qualification 1 à 7 correspondent aux lactations terminées avant le 9 mars 2020. Les causes de A à D correspondent aux lactations terminées à partir du 9 mars 2020.



1.4 - Herd distribution per milk yield level

Herd average milk yield	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	567	1.7	13,261	0.6	3,373	40.0	32.6	275	3,181	418
>=4000 & <5000 kg	891	2.7	32,524	1.6	4,597	39.7	32.5	302	4,277	410
>=5000 & <6000 kg	1,885	5.8	80,633	3.9	5,567	39.9	32.7	318	5,091	411
>=6000 & <7000 kg	3,522	10.8	182,177	8.8	6,555	40.0	32.9	324	5,954	408
>=7000 & <8000 kg	5,311	16.3	308,128	14.9	7,522	40.3	33.1	332	6,764	409
>=8000 & <9000 kg	6,167	18.9	402,123	19.5	8,513	40.7	32.9	342	7,527	412
>=9000 & <10000 kg	6,422	19.7	462,324	22.4	9,509	40.9	32.8	348	8,315	413
>=10000 & <11000 kg	4,862	14.9	366,446	17.8	10,450	40.8	32.8	356	9,025	415
>=11000 & <12000 kg	2,199	6.7	160,895	7.8	11,414	40.7	32.9	368	9,670	418
>=12000 kg	843	2.6	55,620	2.7	12,637	40.3	32.9	387	10,374	424
Overall total	32,669	100	2,064,131	100	8,887	40.6	32.9	344	7,786	413



¹Les causes de non-qualification 1 à 7 correspondent aux lactations terminées avant le 9 mars 2020. Les causes de A à D correspondent aux lactations terminées à partir du 9 mars 2020.

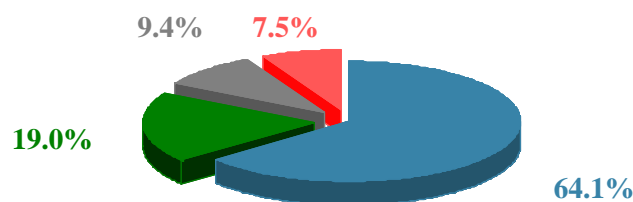


II - RESULTS PER BREED

2.1 - Complete lactations - all lactations

French breed code	Breed	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving Interval days *
66	Prim'Holstein	1,323,367	353	9,704	395	40.7	315	32.5	710	73.2	417
46	Montbéliarde	392,247	324	7,719	304	39.3	258	33.5	562	72.8	401
56	Normande	154,455	339	7,011	300	42.7	246	35.0	545	77.8	408
39	Crossbred	106,475	336	7,889	323	40.9	260	32.9	583	73.9	408
12	Abondance	23,460	305	5,742	209	36.4	191	33.2	400	69.6	406
21	Brune	16,098	353	7,850	334	42.6	273	34.8	607	77.4	427
35	Simmental Française	15,556	319	6,755	274	40.6	230	34.0	504	74.6	398
15	Jersiaise	11,151	336	5,302	299	56.3	206	38.9	505	95.3	409
31	Tarentaise	8,597	289	4,481	166	36.9	146	32.7	312	69.6	401
19	Pie Rouge des Plaines	8,311	343	8,286	358	43.2	281	34.0	639	77.1	408
57	Vosgienne	1,330	288	4,200	158	37.7	134	31.8	292	69.5	398
23	Salers	965	235	2,339	79	33.8	77	32.9	156	66.8	373
63	Rouge Flamande	707	314	5,720	227	39.8	187	32.7	415	72.5	397
52	Bleue du Nord	511	301	4,999	189	37.8	160	32.0	349	69.8	384
29	Bretonne Pie Noire	222	260	2,398	106	44.1	80	33.2	185	77.3	399
14	Aubrac	140	209	2,245	90	40.0	78	34.6	167	74.6	394
65	Ferrandaise	90	246	2,664	99	37.2	85	32.0	184	69.2	416
18	Ayrshire	88	315	7,281	358	49.2	228	31.3	586	80.6	415
69	Froment du Léon	62	252	2,362	101	43.0	79	33.3	180	76.2	372
53	Villard de Lans	61	267	3,398	137	40.4	110	32.3	247	72.7	404
		.	.	.	.	.	.	.	.	.	405
	Other breeds	238	287	4,401	200	45.5	152	34.6	353	80.1	424
	Overall total	2,064,131	344	8,887	361	40.6	292	32.9	653	73.5	413

* The calculation of the mean calving interval is carried out with the data of the multiparous only. For the main breeds, the calving interval is given by parity at chapter 2.6 - Detailed results per breed.



■ Prim'Holstein
 ■ Normande
 ■ Montbéliarde
 ■ Other breeds



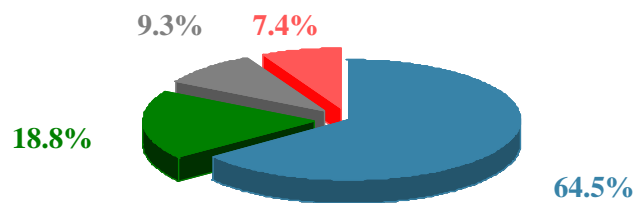
2.2 - Reference lactations (305-d) - all lactations

French breed code	Breed	Number of lactations	Milk yield kg	Fat content kg	Fat ‰ g/kg	True protein content kg	True protein ‰ g/kg	Fat + true protein content kg	Fat + true protein ‰ g/kg
66	Prim'Holstein	1,323,367	8,395	336	40.1	267	31.8	604	71.9
46	Montbéliarde	392,247	7,041	274	38.9	233	33.1	507	72.0
56	Normande	154,455	6,197	261	42.1	214	34.5	475	76.7
39	Crossbred	106,475	6,988	282	40.4	227	32.4	509	72.8
12	Abondance	23,460	5,402	195	36.2	178	32.9	373	69.0
21	Brune	16,098	6,731	282	41.9	230	34.2	512	76.1
35	Simmental Française	15,556	6,240	251	40.2	210	33.7	461	73.8
15	Jersiaise	11,151	4,697	260	55.4	180	38.3	440	93.8
31	Tarentaise	8,597	4,302	158	36.7	140	32.5	298	69.2
19	Pie Rouge des Plaines	8,311	7,366	314	42.6	246	33.4	560	76.0
57	Vosgienne	1,330	4,042	151	37.5	128	31.6	279	69.1
23	Salers	965	2,333	79	33.8	77	32.9	156	66.7
63	Rouge Flamande	707	5,308	210	39.5	172	32.4	382	71.9
52	Bleue du Nord	511	4,733	178	37.6	150	31.8	329	69.4
29	Bretonne Pie Noire	222	2,316	101	43.7	76	33.0	178	76.7
14	Aubrac	140	2,206	88	39.9	76	34.5	164	74.3
65	Ferrandaise	90	2,621	97	37.1	84	31.9	181	69.0
18	Ayrshire	88	6,730	331	49.1	208	30.9	539	80.0
69	Froment du Léon	62	2,322	99	42.8	77	33.2	176	76.0
53	Villard de Lans	61	3,314	133	40.2	107	32.2	240	72.4
	Other breeds	238	4,150	188	45.3	143	34.4	331	79.7
	Overall total	2,064,131	7,786	312	40.0	252	32.3	563	72.4



2.3 - Adjusted lactations - all lactations

French breed code	Breed	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg
66	Prim'Holstein	1,257,742	363	11,336	461	40.7	369	32.5	830	73.2
46	Montbéliarde	366,629	336	8,916	351	39.4	299	33.5	650	72.9
56	Normande	144,882	352	8,258	353	42.8	290	35.1	643	77.9
39	Crossbred	99,848	348	9,262	379	41.0	306	33.0	685	73.9
12	Abondance	21,541	318	6,591	240	36.5	219	33.3	460	69.7
21	Brune	15,160	365	9,153	390	42.6	319	34.9	709	77.5
35	Simmental Française	14,560	330	7,797	317	40.6	266	34.1	583	74.7
15	Jersiaise	10,532	347	6,123	345	56.3	239	39.0	584	95.3
19	Pie Rouge des Plaines	7,996	351	9,466	409	43.2	322	34.0	731	77.2
31	Tarentaise	7,723	304	5,230	194	37.1	171	32.8	365	69.8
57	Vosgienne	1,175	305	4,873	184	37.8	155	31.9	340	69.7
23	Salers	741	262	2,862	98	34.1	95	33.1	192	67.2
63	Rouge Flamande	652	327	6,740	268	39.7	221	32.8	489	72.5
52	Bleue du Nord	468	315	5,896	223	37.8	189	32.0	412	69.9
29	Bretonne Pie Noire	170	291	3,014	134	44.3	101	33.5	235	77.8
18	Ayrshire	81	328	8,260	408	49.3	260	31.5	667	80.8
14	Aubrac	71	280	3,496	140	40.1	122	34.8	262	74.9
65	Ferrandaise	71	269	3,135	117	37.2	100	32.0	217	69.2
53	Villard de Lans	51	293	4,008	162	40.5	129	32.3	292	72.8
69	Froment du Léon	45	283	2,933	126	43.0	98	33.3	224	76.3
	Other breeds	207	307	5,398	247	45.8	188	34.8	436	80.7
	Overall total	1,950,345	355	10,378	422	40.7	342	32.9	764	73.6



■ Prim'Holstein
 ■ Normande
 ■ Montbéliarde
 ■ Other breeds



2.4 - Adult 305-day adjusted lactations - all lactations

French breed code	Breed	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Protein %* g/kg
66	Prim'Holstein	1,323,367	9,518	381	40.1	303	31.9	33.5
46	Montbéliarde	392,247	7,832	305	38.9	259	33.1	34.9
56	Normande	154,455	7,028	296	42.1	243	34.5	36.4
39	Crossbred	106,475	7,899	319	40.4	256	32.4	34.1
12	Abondance	23,460	5,933	215	36.2	195	32.9	34.6
21	Brune	16,098	7,572	317	41.9	259	34.2	36.0
35	Simmental Française	15,556	6,948	279	40.2	234	33.7	35.5
15	Jersiaise	11,151	5,250	291	55.3	201	38.3	40.3
31	Tarentaise	8,597	4,764	175	36.8	155	32.5	34.2
19	Pie Rouge des Plaines	8,311	8,239	351	42.6	275	33.4	35.2
57	Vosgienne	1,330	4,410	166	37.5	140	31.7	33.3
23	Salers	965	2,514	85	33.9	83	32.9	34.7
63	Rouge Flamande	707	5,988	236	39.5	194	32.4	34.1
52	Bleue du Nord	511	5,309	200	37.6	169	31.8	33.5
29	Bretonne Pie Noire	222	2,572	112	43.7	85	33.0	34.7
14	Aubrac	140	2,428	97	40.0	84	34.5	36.3
65	Ferrandaïse	90	2,845	106	37.1	91	32.0	33.6
18	Ayrshire	88	7,303	359	49.1	226	31.0	32.6
69	Froment du Léon	62	2,504	108	42.9	83	33.2	35.0
53	Villard de Lans	61	3,512	142	40.3	113	32.2	33.9
	Other breeds	238	4,785	217	45.4	165	34.5	36.3
	Overall Total	2,064,131	8,793	352	40.0	284	32.3	34.0

*Protein ‰ = Nitrogen ‰

Comment:

In order to adjust to adult level, a multiplying factor depending on the parity is applied to milk and contents:

- If the parity is 1, the multiplying factor is 1.30,
- If the parity is 2, the multiplying factor is 1.12,
- If the parity is 3, the multiplying factor is 1.03,
- If the parity is 4 and over, the multiplying factor is 1.



2.5 - Number of pure-bred herds per breed

Breed	Number of herds	Number of lactations	Pure-bred herds ¹		Lactations of pure-bred herds ¹	
			<i>Nb</i>	%	<i>Nb</i>	%
Prim'Holstein	24,834	1,323,367	17,836	71.8	1,135,179	85.8
Montbéliarde	11,261	392,247	5,782	51.3	319,809	81.5
Normande	5,488	154,455	1,502	27.4	91,466	59.2
Abondance	1,133	23,460	369	32.6	14,429	61.5
Brune	1,552	16,098	130	8.4	6,552	40.7
Simmental Française	861	15,556	188	21.8	10,488	67.4
Jersiaise	919	11,151	68	7.4	4,548	40.8
Tarentaise	477	8,597	113	23.7	5,322	61.9
Pie Rouge des Plaines	775	8,311	48	6.2	2,979	35.8
Vosgienne	183	1,330	40	21.9	901	67.7
Salers	31	965	24	77.4	938	97.2
Rouge Flamande	85	707	6	7.1	213	30.1
Bleue du Nord	48	511	2	4.2	139	27.2
Bretonne Pie Noire	21	222	9	42.9	161	72.5

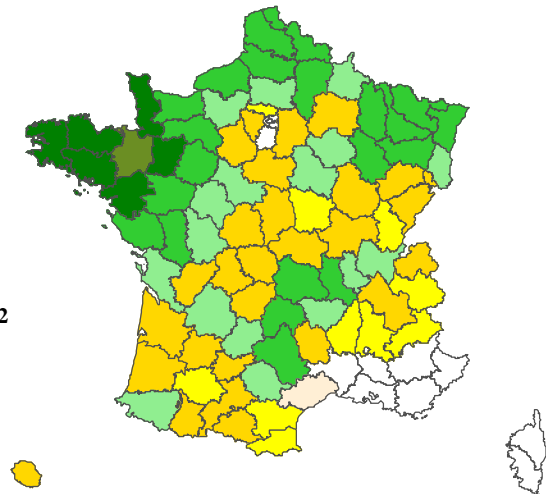
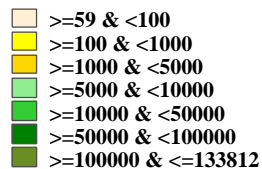
¹ Results corresponding to the pure-bred animals (qualified lactations) located in pure-bred herds. A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same French breed code.



2.6 - Detailed results per breed

Breed PRIM'HOLSTEIN
(French breed code : 66)

Geographical distribution of qualified lactations of Prim'Holstein breed ¹

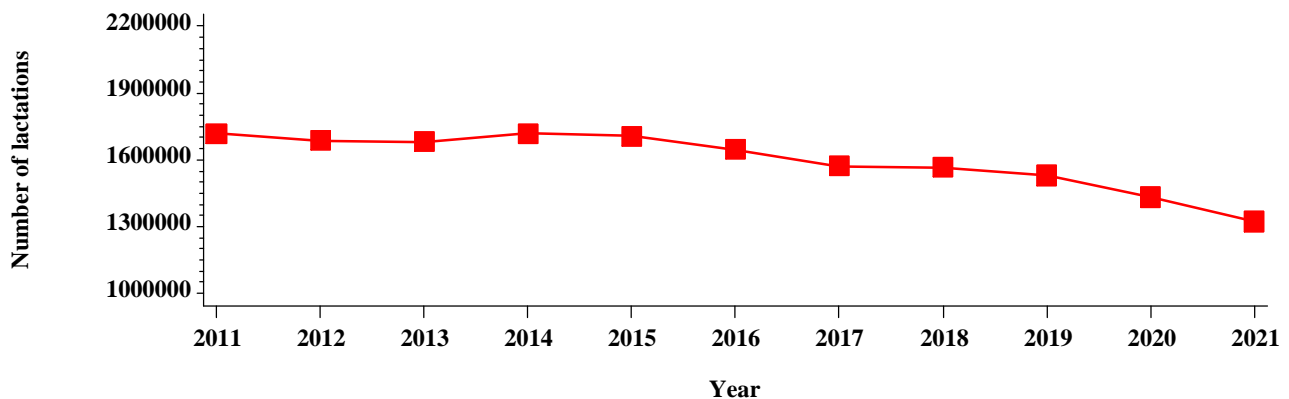


¹ Only local areas that count up more than 40 lactations for Prim'Holstein breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	465,134	29	354	8,734	353	40.5	285	32.7	639	73.1	
2nd lactation	361,480	43	355	10,126	414	40.9	331	32.7	745	73.6	414
3rd lactation	247,089	56	353	10,464	428	40.9	338	32.3	766	73.2	419
4th lactation	139,902	70	350	10,400	425	40.8	333	32.1	758	72.9	420
5th lactation	69,302	83	346	10,081	410	40.7	321	31.8	731	72.5	422
6th lactation	27,472	96	341	9,646	389	40.3	304	31.5	693	71.9	423
7th lactation	9,201	109	334	9,128	365	40.0	285	31.3	651	71.3	426
Lactation 8 and over	3,787	127	328	8,389	333	39.6	259	30.9	592	70.6	434
All lactations	1,323,367		353	9,704	395	40.7	315	32.5	710	73.2	417

Evolution of the number of qualified lactations for Prim'Holstein breed

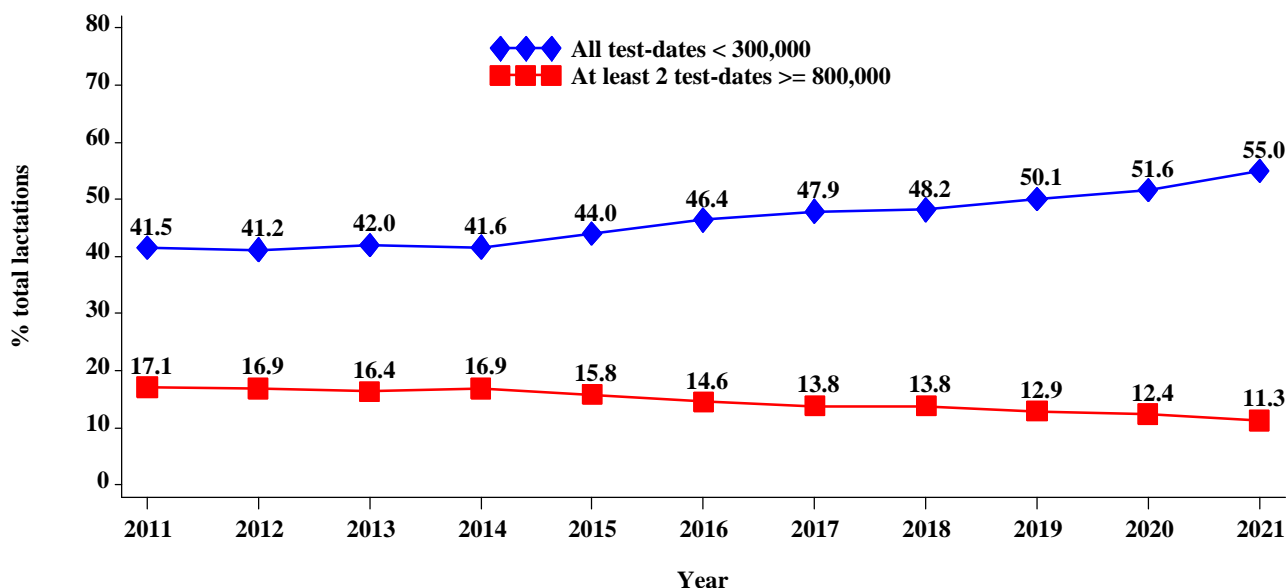


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<6000 kg	547	3.1	11,843	1.0	5,320	39.7	31.0	308	4,810	431
>=6000 & <7000 kg	670	3.8	26,132	2.3	6,572	40.2	31.4	327	5,878	423
>=7000 & <8000 kg	1,449	8.1	67,346	5.9	7,573	40.4	31.7	336	6,708	420
>=8000 & <9000 kg	3,056	17.1	178,985	15.8	8,567	40.8	32.1	342	7,554	416
>=9000 & <10000 kg	4,802	26.9	328,959	29.0	9,530	40.9	32.4	348	8,339	414
>=10000 & <11000 kg	4,358	24.4	316,321	27.9	10,459	40.8	32.6	356	9,037	415
>=11000 & <12000 kg	2,084	11.7	149,853	13.2	11,418	40.7	32.8	368	9,686	418
>=12000 & <13000 kg	667	3.7	45,645	4.0	12,408	40.3	32.8	382	10,277	424
>=13000 kg	203	1.1	10,095	0.9	13,696	40.4	33.0	415	10,766	432
Overall total	17,836	100	1,135,179	100	9,811	40.7	32.5	352	8,497	416

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	294,565	17.1	712,475	41.5	711,087	41.4	1,718,127
2012	285,689	16.9	695,010	41.2	707,031	41.9	1,687,730
2013	274,954	16.4	706,619	42.0	699,763	41.6	1,681,336
2014	290,442	16.9	714,670	41.6	713,478	41.5	1,718,590
2015	269,616	15.8	751,400	44.0	685,404	40.2	1,706,420
2016	240,783	14.6	765,007	46.4	641,916	39.0	1,647,706
2017	217,559	13.8	753,255	47.9	601,800	38.3	1,572,614
2018	216,692	13.8	755,338	48.2	593,467	37.9	1,565,497
2019	197,384	12.9	767,182	50.1	565,790	37.0	1,530,356
2020	177,609	12.4	739,469	51.6	515,189	36.0	1,432,267
2021	149,832	11.3	728,007	55.0	445,528	33.7	1,323,367



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



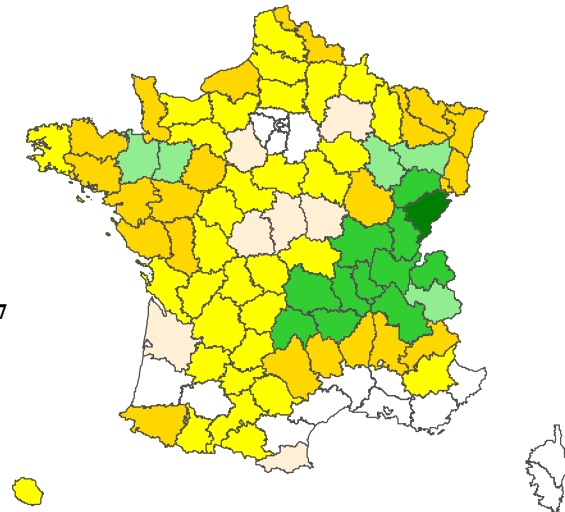
Detailed results per breed

Breed MONTBÉLIARDE
(French breed code : 46)

Geographical distribution of qualified lactations of Montbéliarde breed ¹



- >=42 & <100
- >=100 & <1000
- >=1000 & <5000
- >=5000 & <10000
- >=10000 & <50000
- >=50000 & <=79367

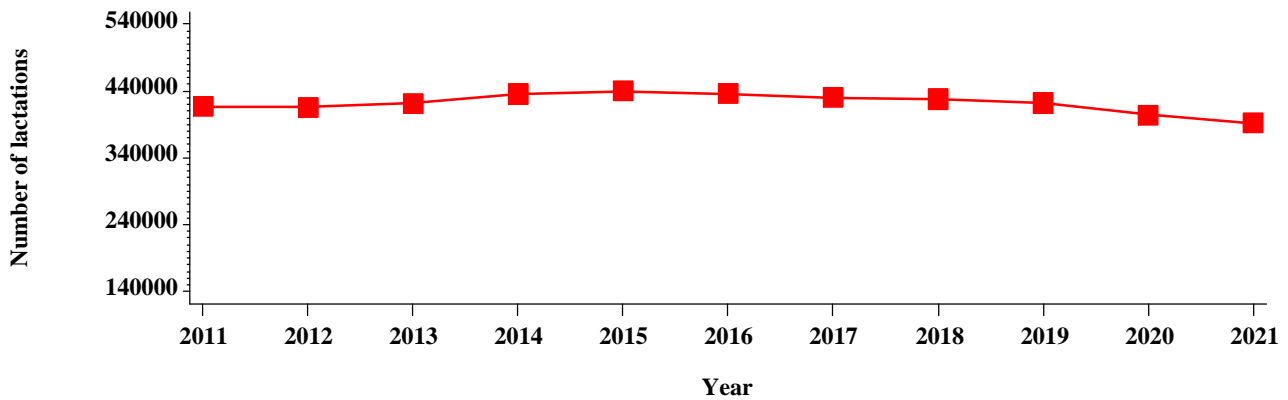


¹ Only local areas that count up more than 40 lactations for Montbéliarde breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	114,645	33	330	7,041	278	39.5	238	33.8	515	73.2	
2nd lactation	89,131	47	329	8,001	315	39.4	270	33.8	585	73.2	404
3rd lactation	69,770	60	323	8,181	323	39.5	274	33.5	597	73.0	401
4th lactation	48,591	72	321	8,180	322	39.3	272	33.3	594	72.6	400
5th lactation	33,087	84	314	7,974	312	39.1	263	33.0	575	72.1	398
6th lactation	19,350	97	310	7,684	299	38.9	252	32.7	550	71.6	399
7th lactation	10,126	110	306	7,422	287	38.6	241	32.5	528	71.1	402
Lactation 8 and over	7,547	130	298	6,810	260	38.2	219	32.1	479	70.4	407
All lactations	392,247		324	7,719	304	39.3	258	33.5	562	72.8	401

Evolution of the number of qualified lactations for Montbéliarde breed

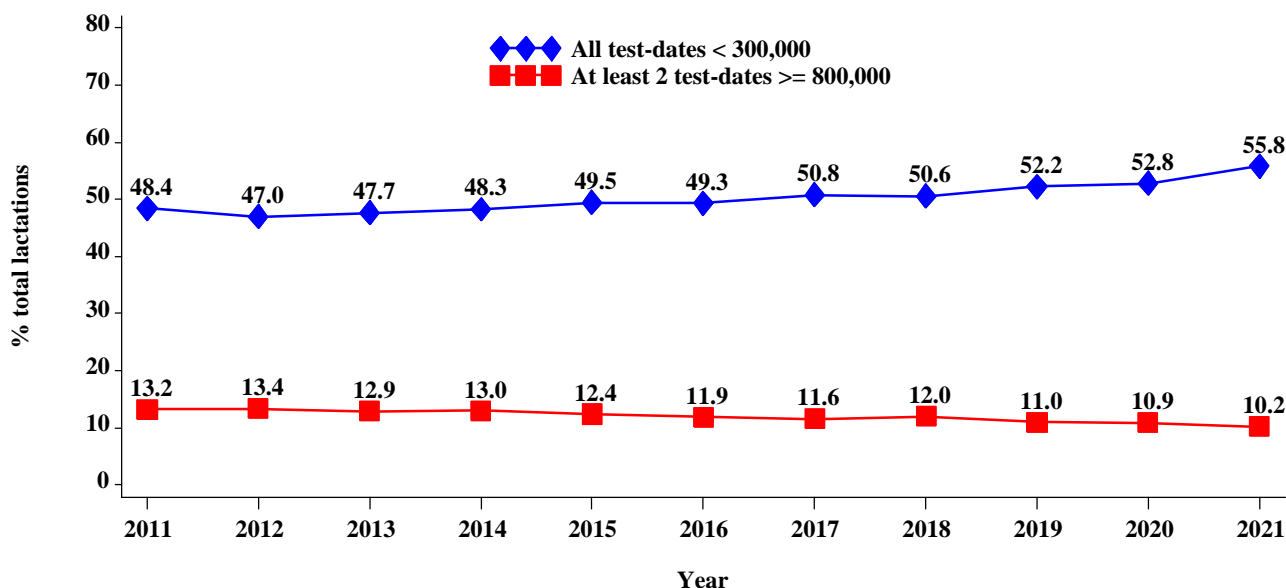


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	241	4.2	6,170	1.9	4,411	38.8	32.1	292	4,123	415
>=5000 & <6000 kg	507	8.8	20,234	6.3	5,599	38.8	32.5	312	5,191	405
>=6000 & <7000 kg	1,260	21.8	61,276	19.2	6,567	38.6	32.9	313	6,107	400
>=7000 & <8000 kg	1,823	31.5	102,197	32.0	7,496	38.8	33.3	318	6,939	398
>=8000 & <9000 kg	1,245	21.5	78,231	24.5	8,455	39.5	33.8	330	7,682	401
>=9000 & <10000 kg	508	8.8	35,604	11.1	9,442	39.8	34.1	338	8,447	403
>=10000 & <11000 kg	157	2.7	12,932	4.0	10,360	39.9	34.2	344	9,168	402
>=11000 kg	41	0.7	3,165	1.0	11,663	39.7	34.5	364	9,972	410
Overall total	5,782	100	319,809	100	7,747	39.1	33.5	323	7,085	401

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	55,007	13.2	201,988	48.4	160,210	38.4	417,205
2012	55,835	13.4	195,234	47.0	164,483	39.6	415,552
2013	54,212	12.9	200,801	47.7	166,117	39.4	421,130
2014	56,438	13.0	210,389	48.3	168,711	38.7	435,538
2015	54,706	12.4	217,527	49.5	167,376	38.1	439,609
2016	52,027	11.9	214,864	49.3	169,216	38.8	436,107
2017	49,908	11.6	218,636	50.8	161,642	37.6	430,186
2018	51,306	12.0	216,419	50.6	160,023	37.4	427,748
2019	46,531	11.0	220,250	52.2	155,457	36.8	422,238
2020	44,173	10.9	213,537	52.8	146,383	36.2	404,093
2021	39,941	10.2	218,987	55.8	133,319	34.0	392,247



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



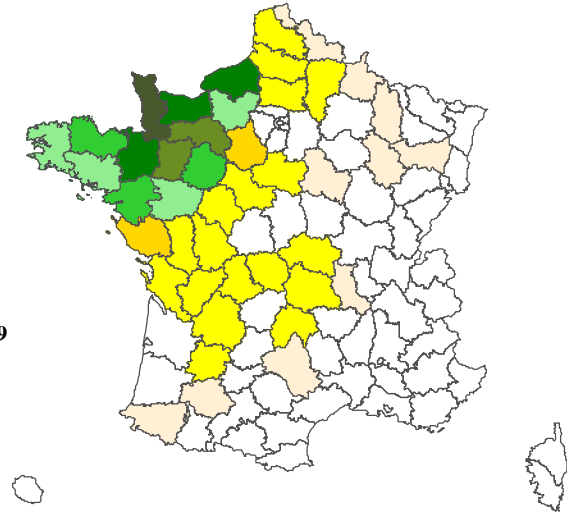
Detailed results per breed

Breed NORMANDE
(French breed code : 56)

Geographical distribution of qualified lactations of Normande breed ¹



- >=40 & <100
- >=100 & <1000
- >=1000 & <2000
- >=2000 & <5000
- >=5000 & <10000
- >=10000 & <20000
- >=20000 & <30000
- >=30000 & <=37069

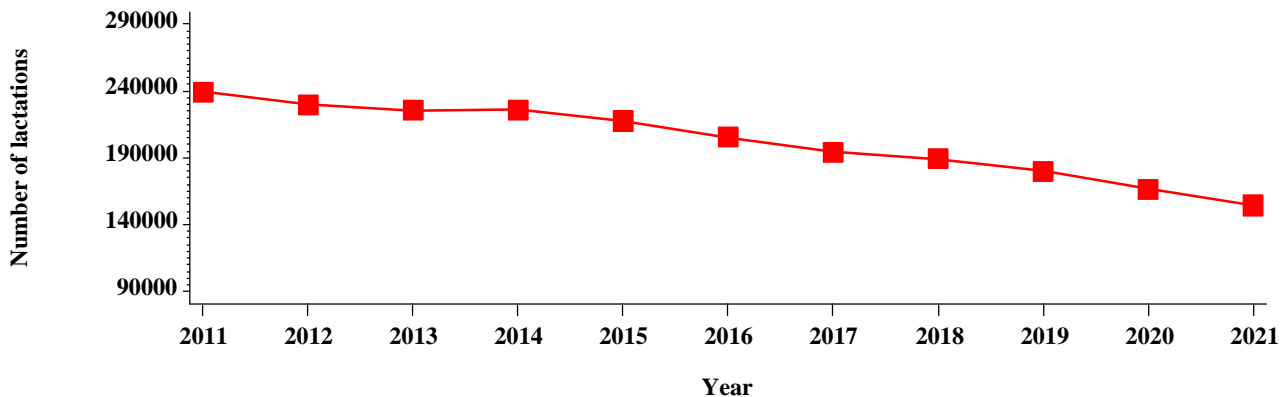


¹ Only local areas that count up more than 40 lactations for Normande breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	54,331	32	349	6,573	281	42.8	230	35.1	512	77.8	
2nd lactation	40,619	46	339	7,148	308	43.1	254	35.5	562	78.6	411
3rd lactation	27,585	59	333	7,360	315	42.8	258	35.0	573	77.8	406
4th lactation	16,697	72	332	7,405	314	42.4	257	34.7	571	77.0	406
5th lactation	9,167	84	326	7,281	305	41.9	251	34.4	556	76.3	407
6th lactation	3,796	97	326	7,110	295	41.4	243	34.2	537	75.6	406
7th lactation	1,499	110	326	6,830	282	41.2	232	34.0	514	75.2	409
Lactation 8 and over	761	128	321	6,320	257	40.6	214	33.8	470	74.4	414
All lactations	154,455		339	7,011	300	42.7	246	35.0	545	77.8	408

Evolution of the number of qualified lactations for Normande breed

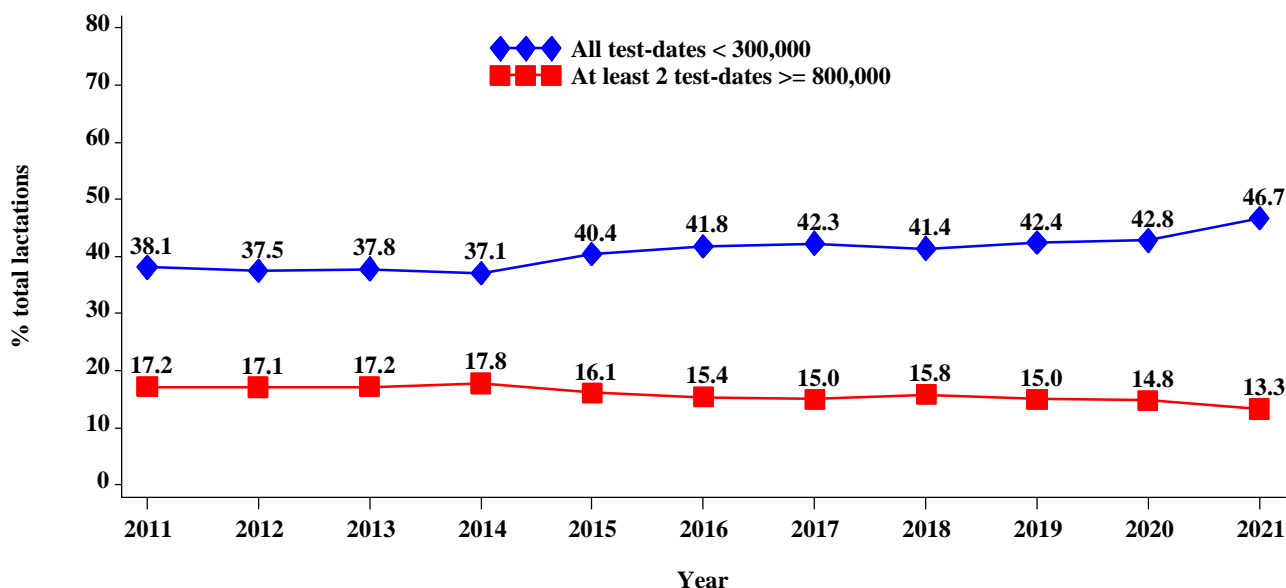


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	110	7.3	3,607	3.9	4,393	41.1	33.5	312	3,994	415
>=5000 & <6000 kg	170	11.3	8,533	9.3	5,596	41.7	34.3	328	5,040	409
>=6000 & <7000 kg	394	26.2	24,542	26.8	6,585	42.6	34.9	335	5,890	406
>=7000 & <8000 kg	540	36.0	37,281	40.8	7,476	42.9	35.3	343	6,621	406
>=8000 & <9000 kg	241	16.0	15,203	16.6	8,395	43.2	35.6	364	7,201	410
>=9000 kg	47	3.1	2,300	2.5	9,375	43.6	36.1	397	7,630	422
Overall total	1,502	100	91,466	100	7,141	42.8	35.2	343	6,295	408

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	41,073	17.2	91,153	38.1	107,241	44.8	239,467
2012	39,190	17.1	86,034	37.5	104,411	45.5	229,635
2013	38,783	17.2	85,320	37.8	101,610	45.0	225,713
2014	40,199	17.8	83,808	37.1	101,829	45.1	225,836
2015	35,063	16.1	87,997	40.4	94,582	43.5	217,642
2016	31,645	15.4	86,004	41.8	87,951	42.8	205,600
2017	29,224	15.0	82,259	42.3	83,041	42.7	194,524
2018	29,850	15.8	78,191	41.4	80,998	42.8	189,039
2019	27,006	15.0	76,328	42.4	76,728	42.6	180,062
2020	24,718	14.8	71,288	42.8	70,509	42.3	166,515
2021	20,584	13.3	72,083	46.7	61,788	40.0	154,455



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



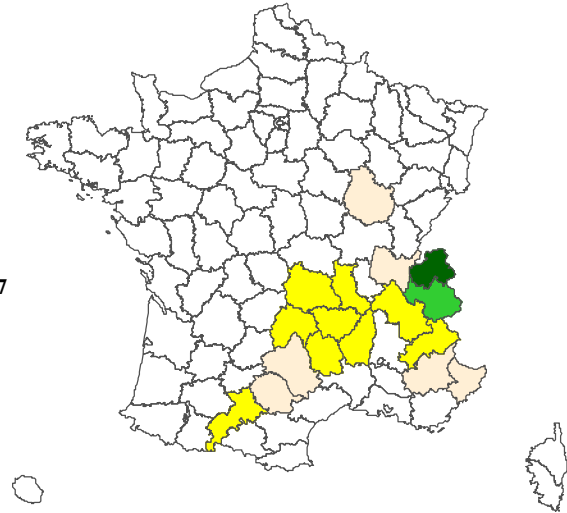
Detailed results per breed

Breed ABONDANCE
(French breed code : 12)

Geographical distribution of qualified lactations of Abondance breed ¹



- ≥ 45 & < 100
- ≥ 100 & < 1000
- ≥ 5000 & < 10000
- ≥ 10000 & ≤ 11407

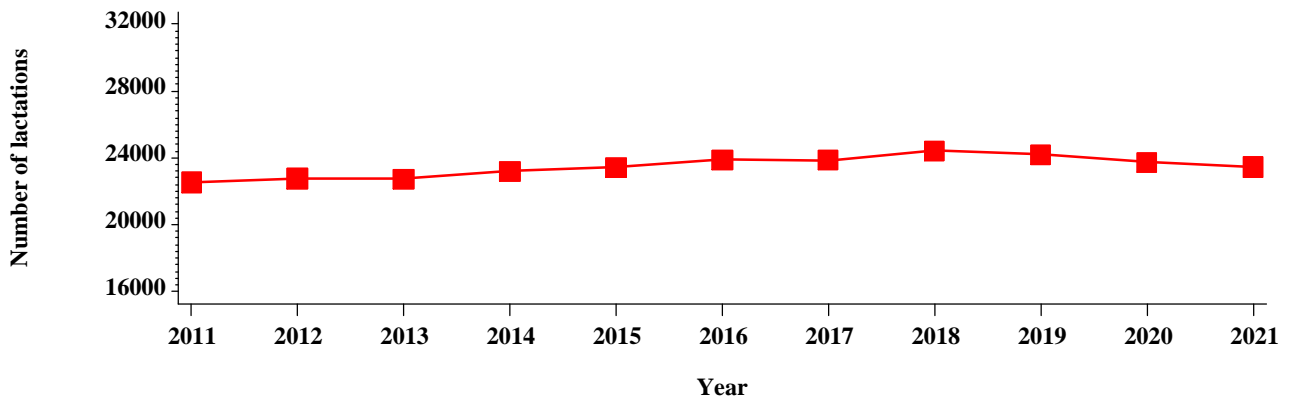


¹ Only local areas that count up more than 40 lactations for Abondance breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	6,001	37	305	5,052	185	36.7	169	33.5	354	70.2	
2nd lactation	4,966	50	306	5,798	211	36.3	193	33.3	404	69.6	402
3rd lactation	4,041	63	307	6,074	221	36.4	202	33.2	423	69.6	403
4th lactation	3,011	76	305	6,169	223	36.2	204	33.1	427	69.3	404
5th lactation	2,214	89	305	6,174	224	36.3	204	33.0	428	69.3	407
6th lactation	1,407	102	305	6,095	222	36.4	201	32.9	422	69.3	415
7th lactation	872	115	304	5,881	214	36.4	193	32.8	407	69.2	416
Lactation 8 and over	948	136	293	5,391	198	36.7	177	32.9	375	69.6	423
All lactations	23,460		305	5,742	209	36.4	191	33.2	400	69.6	406

Evolution of the number of qualified lactations for Abondance breed

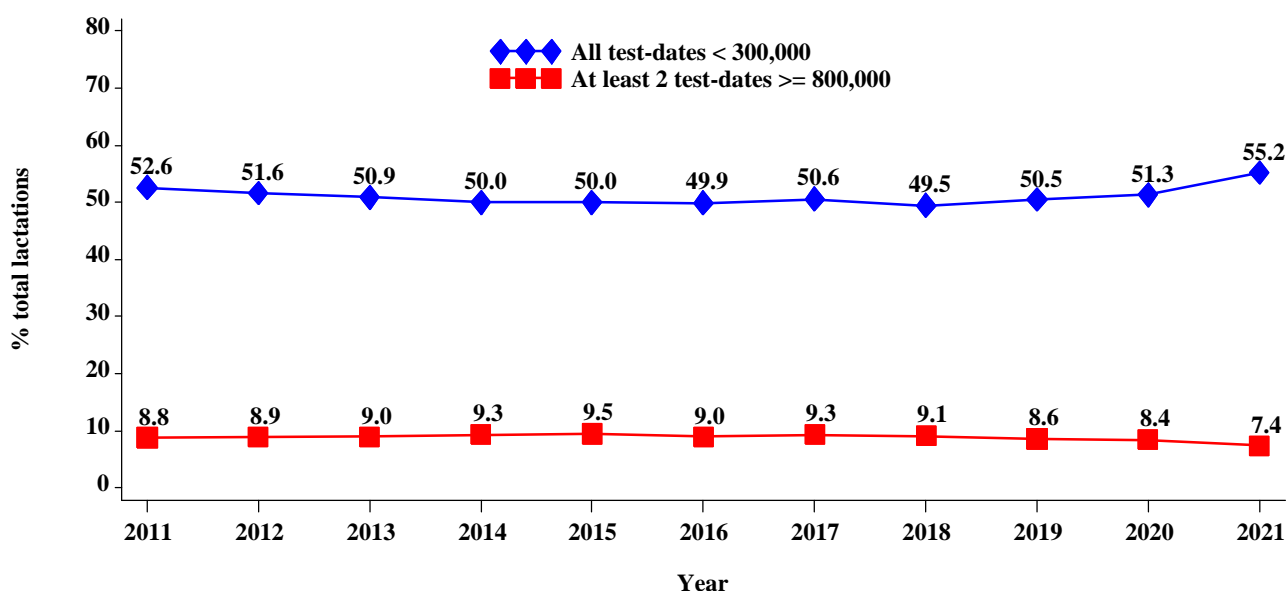


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	26	7.0	788	5.5	3,410	36.6	32.3	260	3,306	432
>=4000 & <5000 kg	67	18.2	1,996	13.8	4,604	37.0	32.6	297	4,384	401
>=5000 & <6000 kg	136	36.9	5,224	36.2	5,497	36.4	33.0	305	5,179	407
>=6000 & <7000 kg	98	26.6	4,440	30.8	6,465	36.4	33.4	311	6,088	405
>=7000 kg	42	11.4	1,981	13.7	7,469	36.0	33.5	317	6,984	401
Overall total	369	100	14,429	100	5,828	36.4	33.2	305	5,494	406

Evolution of somatic cells count distribution

Year	Lactations with						Overall total
	At least 2 test-dates with cell count >= 800,000		All test-dates with cell count < 300,000		Intermediate somatic cell counts		
	Nb	%	Nb	%	Nb	%	
2011	1,973	8.8	11,858	52.6	8,696	38.6	22,527
2012	2,016	8.9	11,747	51.6	9,000	39.5	22,763
2013	2,053	9.0	11,559	50.9	9,116	40.1	22,728
2014	2,145	9.3	11,580	50.0	9,458	40.8	23,183
2015	2,213	9.5	11,698	50.0	9,501	40.6	23,412
2016	2,159	9.0	11,913	49.9	9,805	41.1	23,877
2017	2,208	9.3	12,083	50.6	9,572	40.1	23,863
2018	2,226	9.1	12,091	49.5	10,095	41.4	24,412
2019	2,081	8.6	12,217	50.5	9,886	40.9	24,184
2020	1,989	8.4	12,162	51.3	9,576	40.4	23,727
2021	1,737	7.4	12,954	55.2	8,769	37.4	23,460



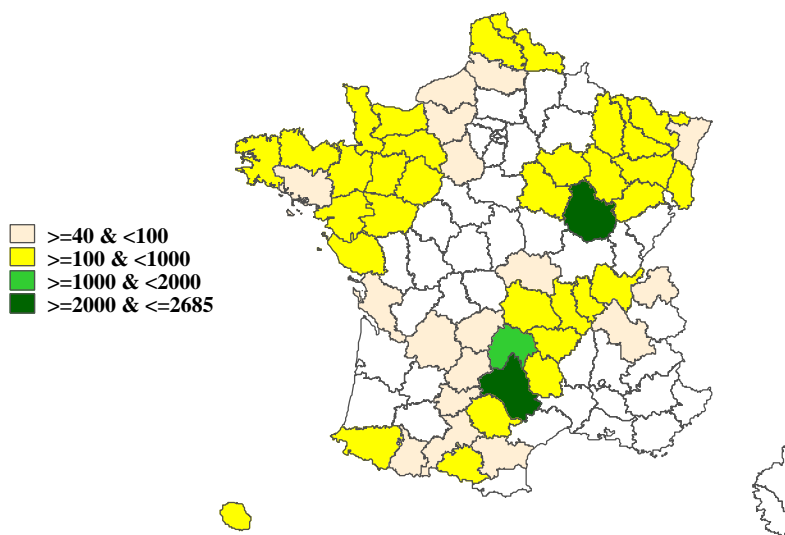
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed BRUNE
(French breed code : 21)

Geographical distribution of qualified lactations of Brune breed ¹

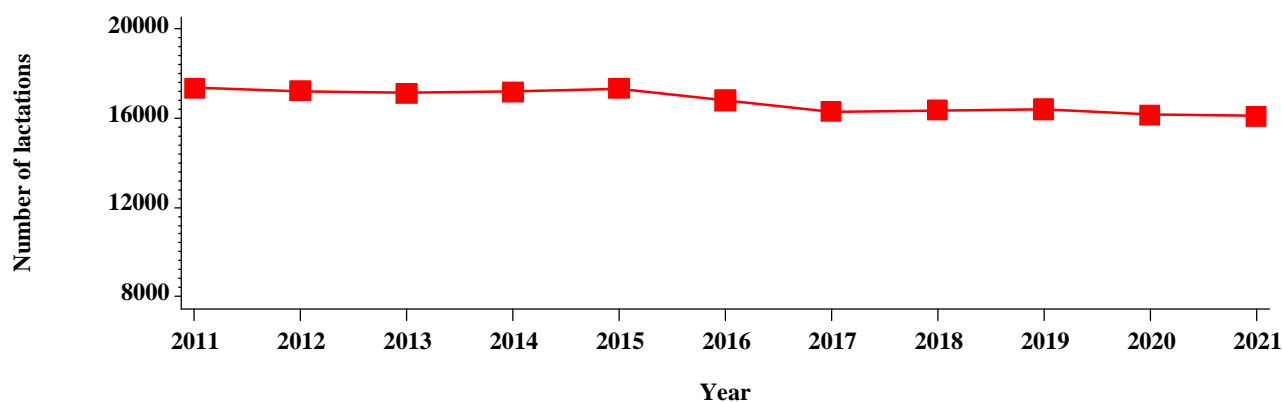


¹ Only local areas that count up more than 40 lactations for Brune breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	5,273	31	356	7,185	305	42.5	250	34.8	555	77.2	
2nd lactation	3,972	46	357	8,176	350	42.8	287	35.1	637	77.9	429
3rd lactation	2,840	59	351	8,337	356	42.7	291	34.8	647	77.6	424
4th lactation	1,892	73	346	8,268	352	42.6	286	34.6	639	77.2	426
5th lactation	1,026	85	347	8,110	344	42.4	280	34.5	623	76.8	424
6th lactation	627	100	349	7,818	333	42.6	268	34.3	601	76.9	443
7th lactation	285	111	346	7,669	323	42.1	260	33.9	583	76.0	421
Lactation 8 and over	183	133	331	6,972	285	40.9	232	33.3	517	74.2	424
All lactations	16,098		353	7,850	334	42.6	273	34.8	607	77.4	427

Evolution of the number of qualified lactations for Brune breed

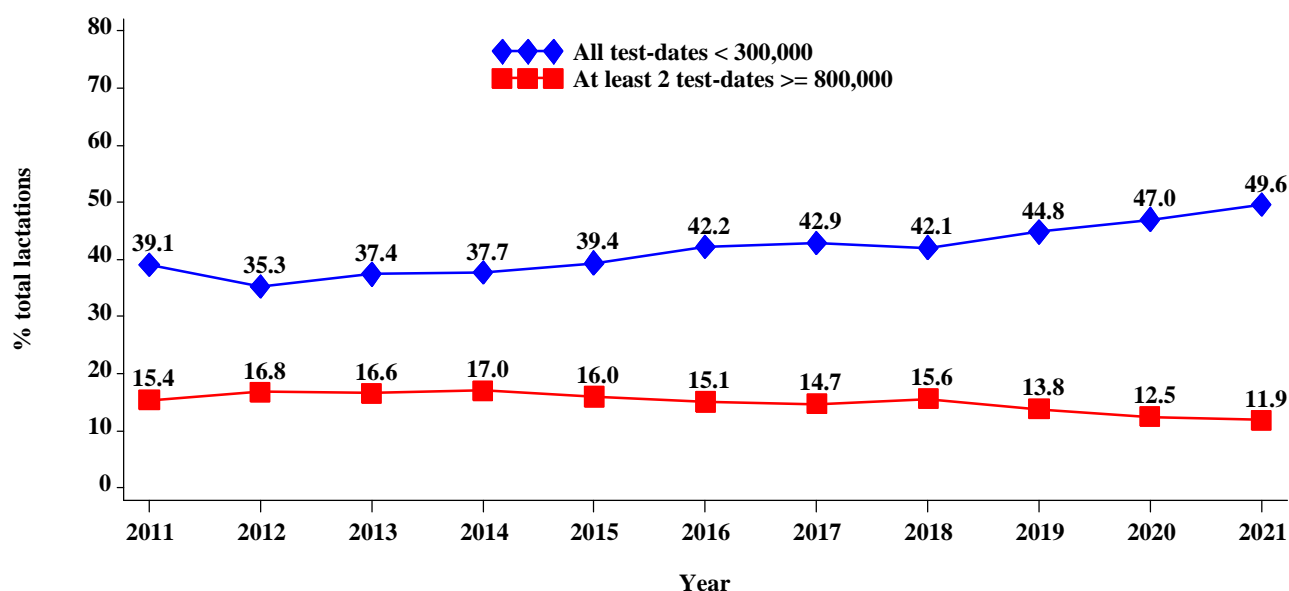


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<5000 kg	13	10.0	242	3.7	4,302	41.8	33.8	338	3,801	424
>=5000 & <6000 kg	14	10.8	479	7.3	5,358	41.0	33.5	335	4,794	407
>=6000 & <7000 kg	18	13.8	747	11.4	6,646	41.7	34.6	346	5,839	413
>=7000 & <8000 kg	36	27.7	2,060	31.4	7,443	42.2	34.5	344	6,558	424
>=8000 & <9000 kg	22	16.9	1,310	20.0	8,556	42.8	34.9	347	7,499	423
>=9000 & <10000 kg	17	13.1	1,084	16.5	9,397	42.6	35.6	367	7,935	416
>=10000 kg	10	7.7	630	9.6	10,646	42.5	35.5	374	8,807	431
Overall total	130	100	6,552	100	7,938	42.4	34.9	351	6,877	421

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	2,679	15.4	6,783	39.1	7,893	45.5	17,355
2012	2,902	16.8	6,086	35.3	8,247	47.9	17,235
2013	2,853	16.6	6,413	37.4	7,872	45.9	17,138
2014	2,921	17.0	6,474	37.7	7,796	45.3	17,191
2015	2,782	16.0	6,831	39.4	7,731	44.6	17,344
2016	2,536	15.1	7,088	42.2	7,180	42.7	16,804
2017	2,396	14.7	6,999	42.9	6,911	42.4	16,306
2018	2,558	15.6	6,891	42.1	6,922	42.3	16,371
2019	2,269	13.8	7,348	44.8	6,785	41.4	16,402
2020	2,028	12.5	7,594	47.0	6,540	40.5	16,162
2021	1,921	11.9	7,990	49.6	6,187	38.4	16,098



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



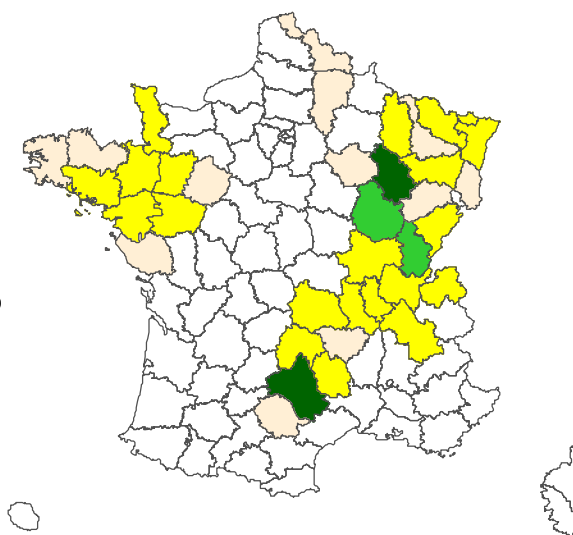
Detailed results per breed

Breed SIMMENTAL FRANÇAISE
(French breed code : 35)

Geographical distribution of qualified lactations of Simmental Française breed ¹



≥ 45 & < 100
 ≥ 100 & < 1000
 ≥ 1000 & < 2000
 ≥ 2000 & ≤ 2999

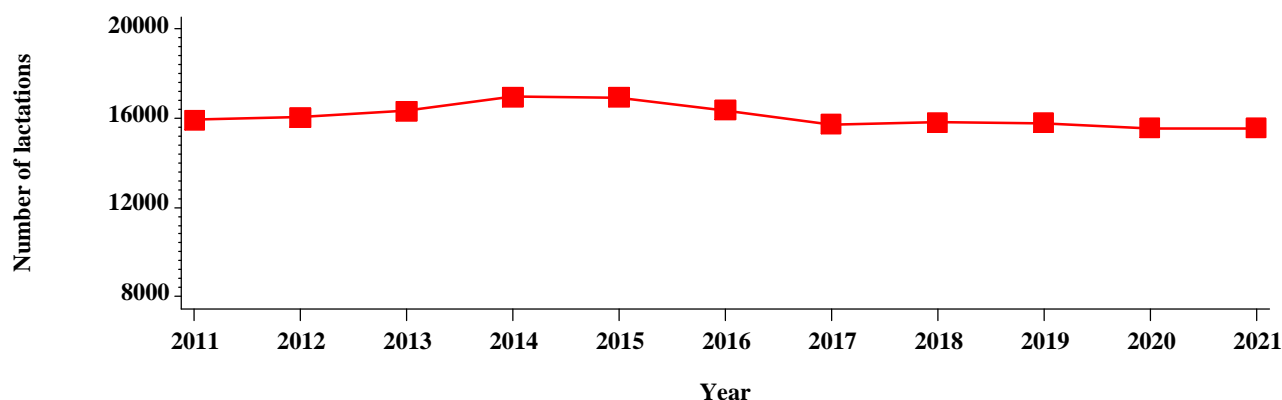


¹ Only local areas that count up more than 40 lactations for Simmental Française breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	4,571	35	321	6,141	251	40.8	210	34.2	461	75.1	
2nd lactation	3,637	48	317	6,863	283	41.2	236	34.4	519	75.6	398
3rd lactation	2,788	60	321	7,264	295	40.7	247	34.0	543	74.7	395
4th lactation	1,938	73	319	7,257	291	40.2	245	33.8	537	73.9	397
5th lactation	1,207	85	315	7,037	279	39.6	235	33.5	514	73.1	401
6th lactation	702	98	314	6,846	272	39.7	229	33.5	501	73.2	403
7th lactation	391	110	305	6,336	250	39.4	211	33.3	461	72.7	399
Lactation 8 and over	322	129	305	6,067	237	39.0	201	33.1	438	72.2	405
All lactations	15,556		319	6,755	274	40.6	230	34.0	504	74.6	398

Evolution of the number of qualified lactations for Simmental Française breed

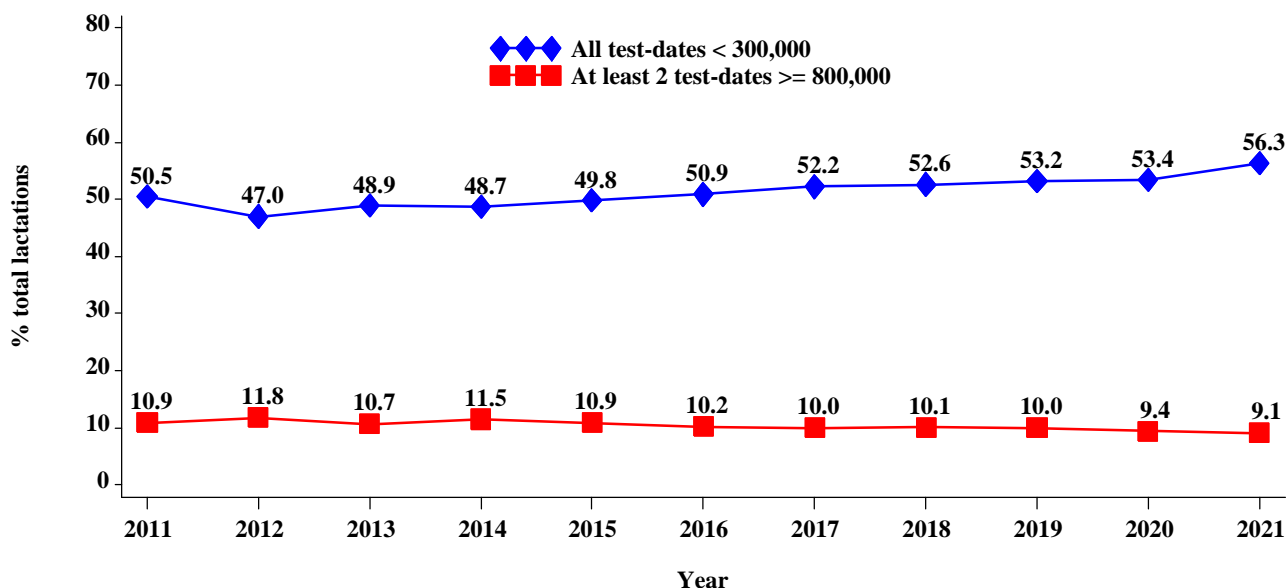


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	11	5.9	349	3.3	3,531	39.9	34.1	311	3,231	418
>=4000 & <5000 kg	15	8.0	651	6.2	4,535	39.6	33.4	308	4,251	408
>=5000 & <6000 kg	39	20.7	1,709	16.3	5,555	39.5	33.7	322	5,149	397
>=6000 & <7000 kg	49	26.1	2,632	25.1	6,420	39.6	34.0	313	5,994	393
>=7000 & <8000 kg	51	27.1	3,186	30.4	7,495	40.8	34.2	321	6,925	397
>=8000 & <9000 kg	16	8.5	1,392	13.3	8,402	40.9	34.6	318	7,754	394
>=9000 kg	7	3.7	569	5.4	9,950	41.7	34.3	349	8,779	412
Overall total	188	100	10,488	100	6,847	40.4	34.1	319	6,324	398

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	1,740	10.9	8,045	50.5	6,137	38.5	15,922
2012	1,889	11.8	7,538	47.0	6,618	41.2	16,045
2013	1,756	10.7	7,993	48.9	6,586	40.3	16,335
2014	1,957	11.5	8,259	48.7	6,759	39.8	16,975
2015	1,845	10.9	8,434	49.8	6,659	39.3	16,938
2016	1,661	10.2	8,332	50.9	6,363	38.9	16,356
2017	1,572	10.0	8,215	52.2	5,947	37.8	15,734
2018	1,601	10.1	8,326	52.6	5,891	37.2	15,818
2019	1,574	10.0	8,401	53.2	5,821	36.9	15,796
2020	1,460	9.4	8,310	53.4	5,801	37.3	15,571
2021	1,418	9.1	8,751	56.3	5,387	34.6	15,556



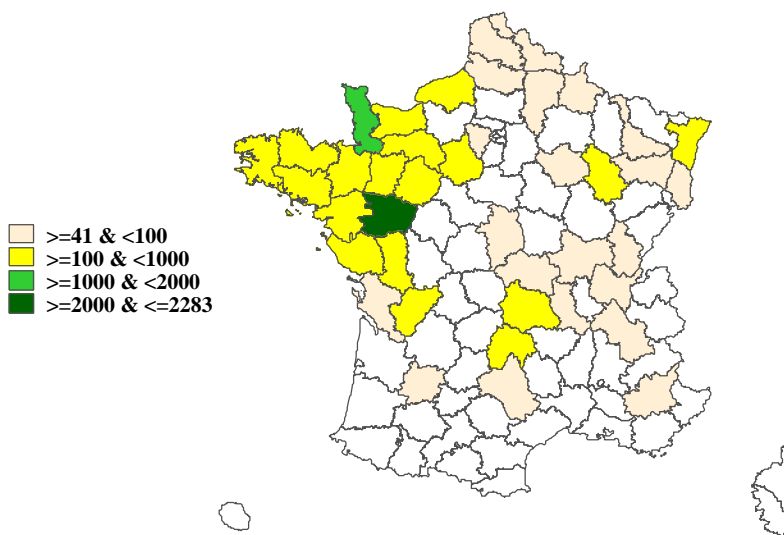
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed JERSIAISE
(French breed code : 15)

Geographical distribution of qualified lactations of Jersiaise breed ¹

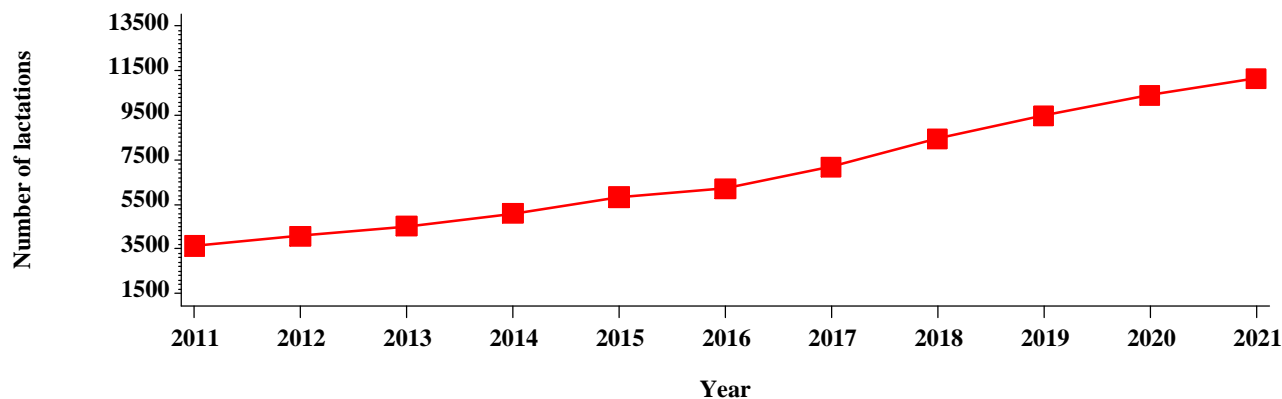


¹ Only local areas that count up more than 40 lactations for Jersiaise breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	3,505	27	336	4,715	260	55.1	180	38.2	440	93.4	
2nd lactation	2,620	40	336	5,370	305	56.8	212	39.4	517	96.2	410
3rd lactation	1,978	53	336	5,750	327	56.9	226	39.2	553	96.1	404
4th lactation	1,350	66	336	5,613	321	57.1	221	39.3	541	96.4	408
5th lactation	814	79	333	5,704	324	56.9	223	39.2	548	96.0	409
6th lactation	471	92	343	5,696	319	55.9	220	38.7	539	94.6	420
7th lactation	247	103	333	5,450	304	55.9	209	38.3	513	94.2	418
Lactation 8 and over	166	123	345	5,452	302	55.5	209	38.3	511	93.7	421
All lactations	11,151		336	5,302	299	56.3	206	38.9	505	95.3	409

Evolution of the number of qualified lactations for Jersiaise breed

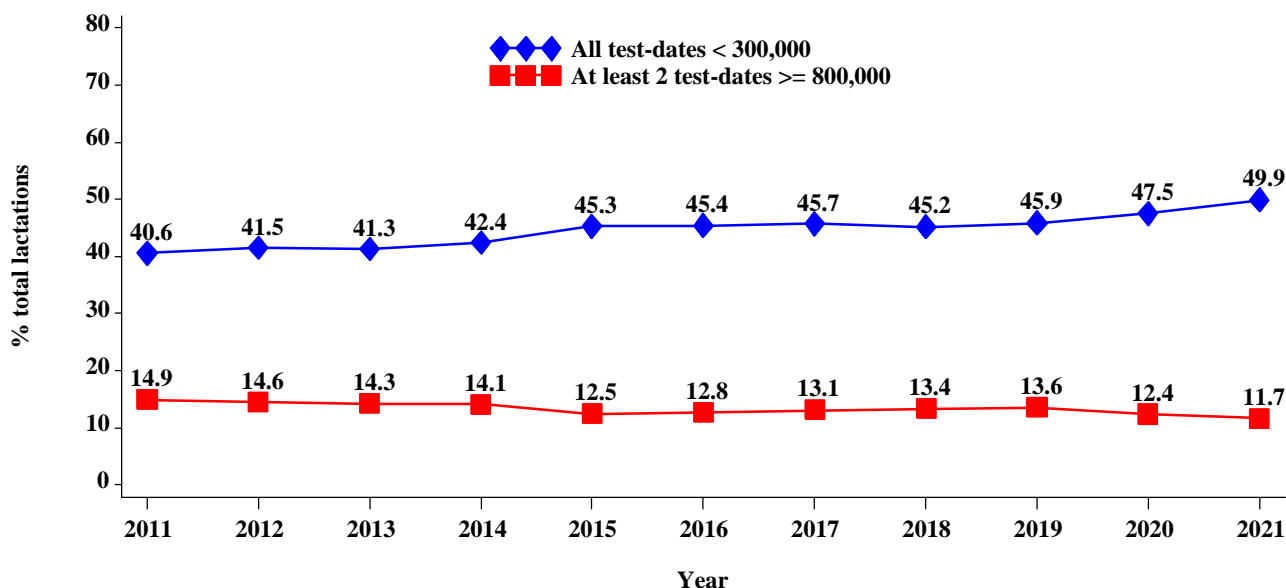


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	13	19.1	572	12.6	3,243	57.7	39.3	313	2,973	406
>=4000 & <5000 kg	19	27.9	1,186	26.1	4,564	55.9	38.5	328	4,117	398
>=5000 & <6000 kg	24	35.3	1,798	39.5	5,573	57.0	39.3	337	4,987	406
>=6000 kg	12	17.6	992	21.8	6,394	57.6	39.5	341	5,703	410
Overall total	68	100	4,548	100	5,196	57.0	39.2	332	4,663	405

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	541	14.9	1,475	40.6	1,621	44.6	3,637
2012	594	14.6	1,693	41.5	1,788	43.9	4,075
2013	646	14.3	1,871	41.3	2,012	44.4	4,529
2014	718	14.1	2,162	42.4	2,223	43.6	5,103
2015	726	12.5	2,641	45.3	2,462	42.2	5,829
2016	794	12.8	2,816	45.4	2,590	41.8	6,200
2017	938	13.1	3,276	45.7	2,960	41.3	7,174
2018	1,131	13.4	3,818	45.2	3,504	41.5	8,453
2019	1,290	13.6	4,351	45.9	3,838	40.5	9,479
2020	1,292	12.4	4,937	47.5	4,169	40.1	10,398
2021	1,303	11.7	5,559	49.9	4,289	38.5	11,151



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



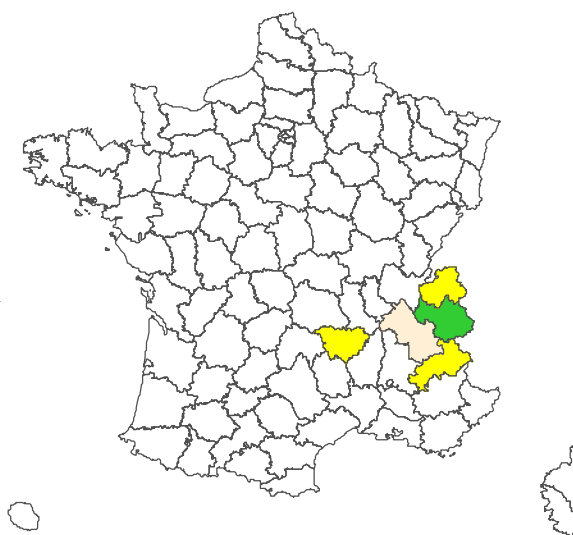
Detailed results per breed

Breed TARENDAISE
(French breed code : 31)

Geographical distribution of qualified lactations of Tarentaise breed ¹



≥ 70 & < 100
 ≥ 100 & < 500
 ≥ 5000 & ≤ 7431

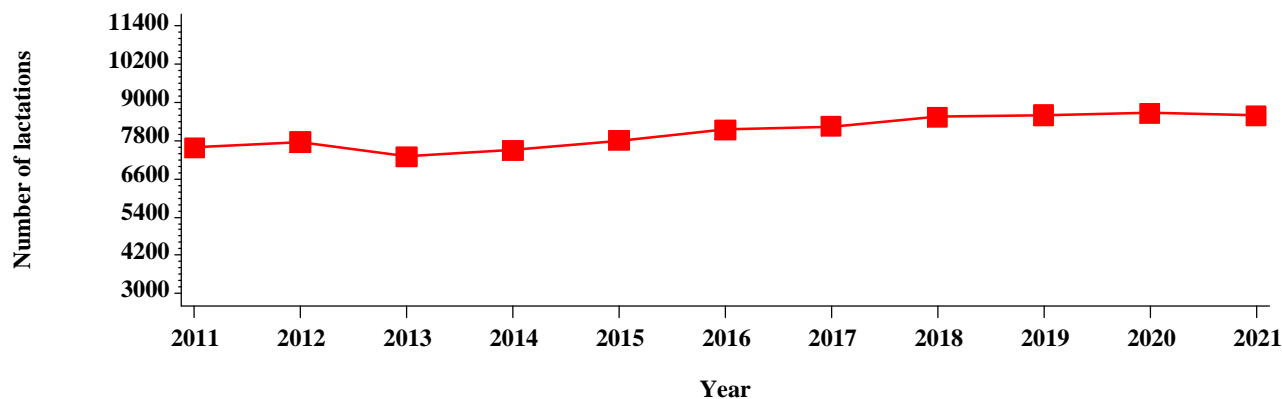


¹ Only local areas that count up more than 40 lactations for Tarentaise breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	2,372	36	298	4,135	155	37.6	137	33.0	292	70.6	
2nd lactation	1,889	49	291	4,511	168	37.1	149	32.9	316	70.1	407
3rd lactation	1,428	62	284	4,624	170	36.8	150	32.5	320	69.2	397
4th lactation	1,066	75	290	4,772	174	36.5	155	32.5	329	69.0	396
5th lactation	760	88	284	4,749	174	36.7	155	32.5	329	69.2	399
6th lactation	494	100	276	4,644	169	36.4	150	32.2	319	68.7	398
7th lactation	266	113	277	4,559	162	35.5	146	32.0	308	67.5	401
Lactation 8 and over	322	136	273	4,320	156	36.0	137	31.7	293	67.7	406
All lactations	8,597		289	4,481	166	36.9	146	32.7	312	69.6	401

Evolution of the number of qualified lactations for Tarentaise breed

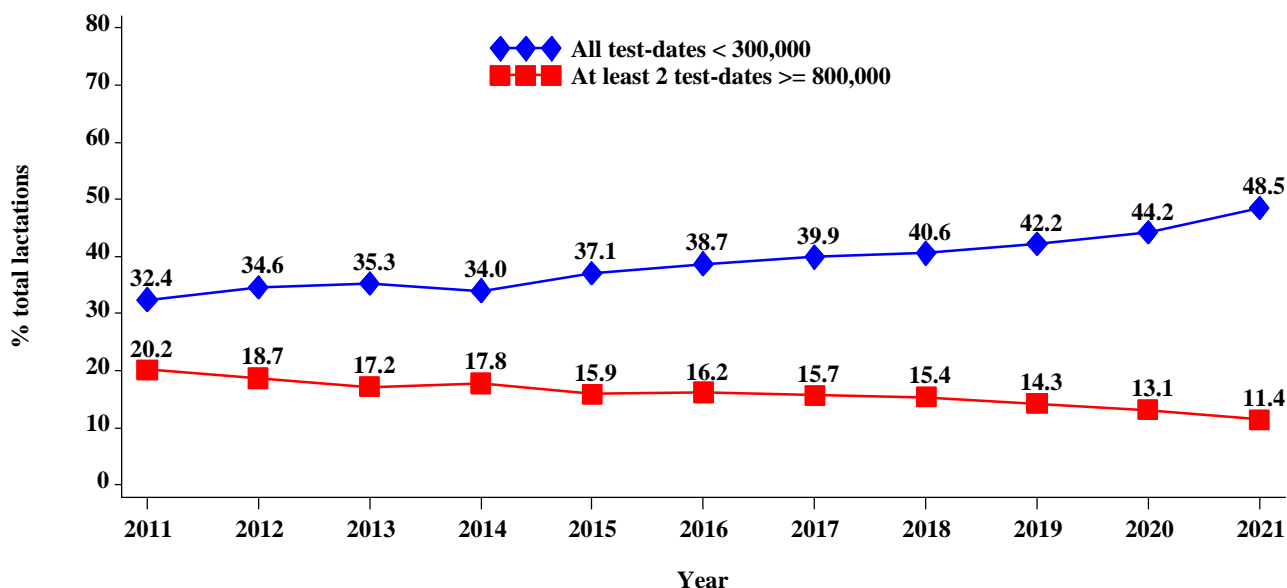


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<3000 kg	3	2.7	39	0.7	2,280	34.9	30.9	152	2,262	382
>=3000 & <4000 kg	19	16.8	739	13.9	3,533	36.9	31.9	261	3,444	409
>=4000 & <5000 kg	63	55.8	3,181	59.8	4,505	36.8	32.5	294	4,335	400
>=5000 & <6000 kg	25	22.1	1,201	22.6	5,348	36.8	33.1	310	5,068	402
>=6000 kg	3	2.7	162	3.0	6,190	38.9	34.7	333	5,701	396
Overall total	113	100	5,322	100	4,595	36.9	32.7	293	4,403	401

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	1,531	20.2	2,459	32.4	3,591	47.4	7,581
2012	1,429	18.7	2,648	34.6	3,583	46.8	7,660
2013	1,257	17.2	2,577	35.3	3,467	47.5	7,301
2014	1,338	17.8	2,553	34.0	3,619	48.2	7,510
2015	1,239	15.9	2,896	37.1	3,681	47.1	7,816
2016	1,319	16.2	3,154	38.7	3,667	45.0	8,140
2017	1,299	15.7	3,291	39.9	3,660	44.4	8,250
2018	1,313	15.4	3,471	40.6	3,764	44.0	8,548
2019	1,227	14.3	3,629	42.2	3,746	43.5	8,602
2020	1,138	13.1	3,835	44.2	3,699	42.7	8,672
2021	978	11.4	4,173	48.5	3,446	40.1	8,597



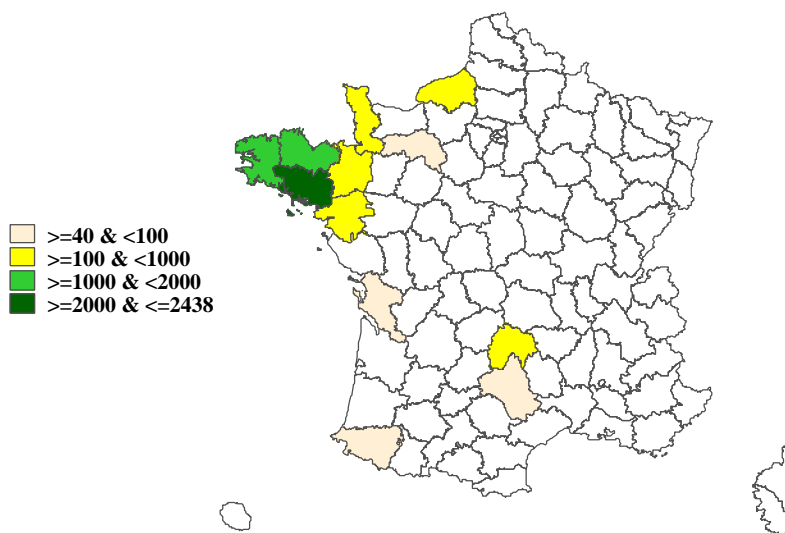
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed PIE ROUGE DES PLAINES
(French breed code : 19)

Geographical distribution of qualified lactations of Pie Rouge des Plaines breed ¹

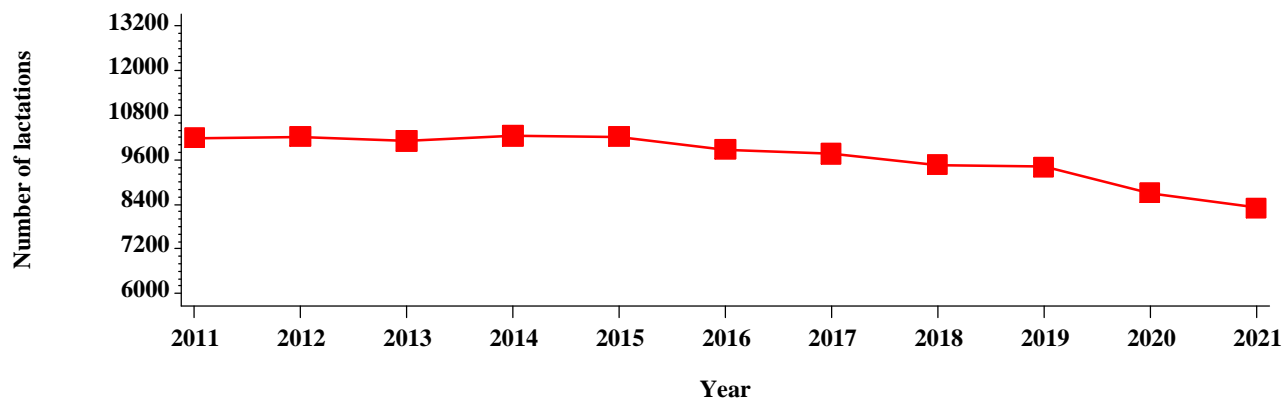


¹ Only local areas that count up more than 40 lactations for Pie Rouge des Plaines breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	2,647	29	344	7,145	308	43.1	244	34.2	552	77.3	
2nd lactation	2,106	42	342	8,500	368	43.3	292	34.3	660	77.6	402
3rd lactation	1,577	56	344	8,979	388	43.3	306	34.0	694	77.3	409
4th lactation	982	69	348	9,254	400	43.2	311	33.6	711	76.9	411
5th lactation	556	82	341	8,988	385	42.9	297	33.0	682	75.9	416
6th lactation	273	96	350	8,987	386	42.9	296	32.9	681	75.8	416
7th lactation	100	107	319	8,189	349	42.6	265	32.4	614	74.9	425
Lactation 8 and over	70	124	328	7,585	320	42.2	246	32.5	567	74.7	448
All lactations	8,311		343	8,286	358	43.2	281	34.0	639	77.1	408

Evolution of the number of qualified lactations for Pie Rouge des Plaines breed

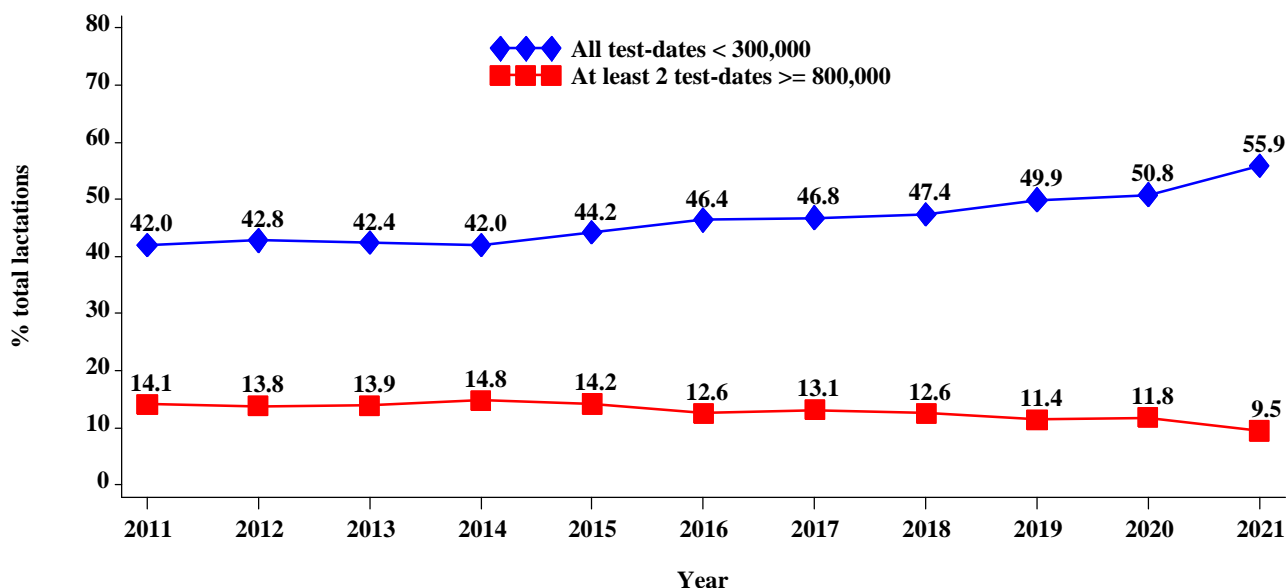


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<7000 kg	7	14.6	201	6.7	6,570	43.2	33.4	314	6,175	396
>=7000 & <8000 kg	11	22.9	632	21.2	7,587	43.2	33.5	347	6,703	415
>=8000 & <9000 kg	14	29.2	885	29.7	8,359	43.8	34.2	330	7,591	400
>=9000 & <10000 kg	12	25.0	914	30.7	9,535	42.4	34.4	353	8,342	418
>=10000 kg	4	8.3	347	11.6	10,307	45.1	35.0	342	9,270	397
Overall total	48	100	2,979	100	8,662	43.4	34.2	341	7,733	408

Evolution of somatic cells count distribution

Year	Lactations with						Overall total
	At least 2 test-dates with cell count >= 800,000		All test-dates with cell count < 300,000		Intermediate somatic cell counts		
	Nb	%	Nb	%	Nb	%	
2011	1,442	14.1	4,286	42.0	4,468	43.8	10,196
2012	1,412	13.8	4,378	42.8	4,431	43.4	10,221
2013	1,406	13.9	4,284	42.4	4,424	43.7	10,114
2014	1,516	14.8	4,301	42.0	4,432	43.2	10,249
2015	1,451	14.2	4,515	44.2	4,255	41.6	10,221
2016	1,250	12.6	4,587	46.4	4,045	40.9	9,882
2017	1,280	13.1	4,567	46.8	3,918	40.1	9,765
2018	1,193	12.6	4,487	47.4	3,793	40.0	9,473
2019	1,076	11.4	4,694	49.9	3,643	38.7	9,413
2020	1,025	11.8	4,421	50.8	3,256	37.4	8,702
2021	791	9.5	4,650	55.9	2,870	34.5	8,311



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



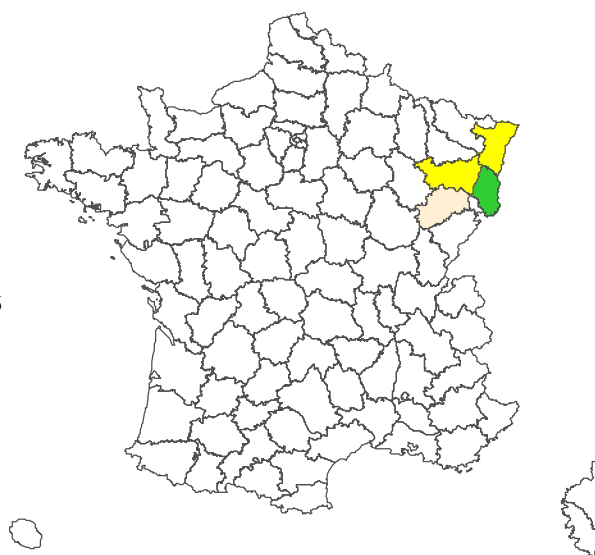
Detailed results per breed

Breed VOSGIENNE
(French breed code : 57)

Geographical distribution of qualified lactations of Vosgienne breed ¹



≥ 60 & < 100
 ≥ 100 & < 500
 ≥ 500 & ≤ 586

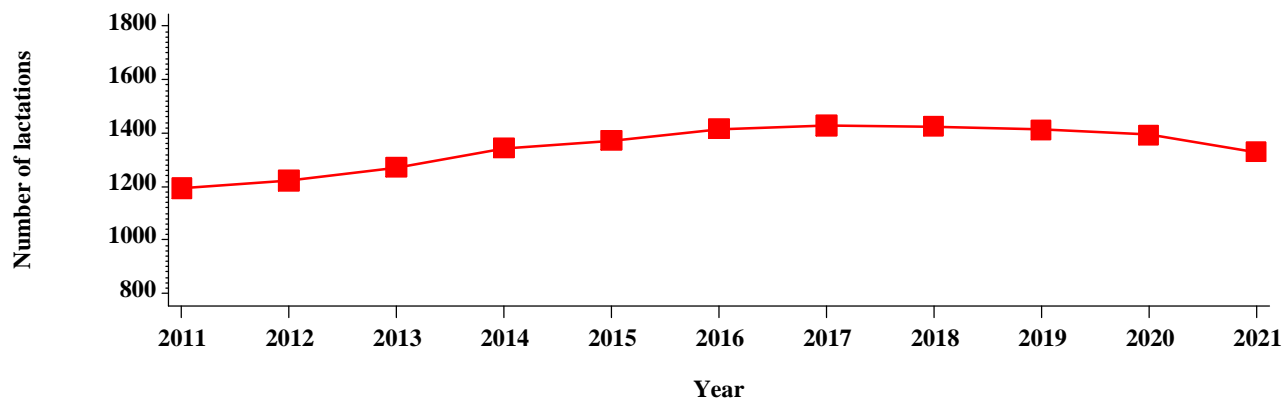


¹ Only local areas that count up more than 40 lactations for Vosgienne breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	326	37	283	3,477	134	38.6	113	32.4	247	71.0	
2nd lactation	277	50	291	4,242	162	38.3	137	32.2	299	70.6	396
3rd lactation	231	63	290	4,347	162	37.4	138	31.9	301	69.2	397
4th lactation	175	75	292	4,678	177	37.8	147	31.5	324	69.3	402
5th lactation	114	89	287	4,750	173	36.4	148	31.3	321	67.7	394
6th lactation	70	102	284	4,349	160	36.8	136	31.3	296	68.1	406
7th lactation	61	112	278	4,486	167	37.2	140	31.2	307	68.4	383
Lactation 8 and over	76	141	291	4,414	162	36.8	137	31.0	299	67.8	411
All lactations	1,330		288	4,200	158	37.7	134	31.8	292	69.5	398

Evolution of the number of qualified lactations for Vosgienne breed

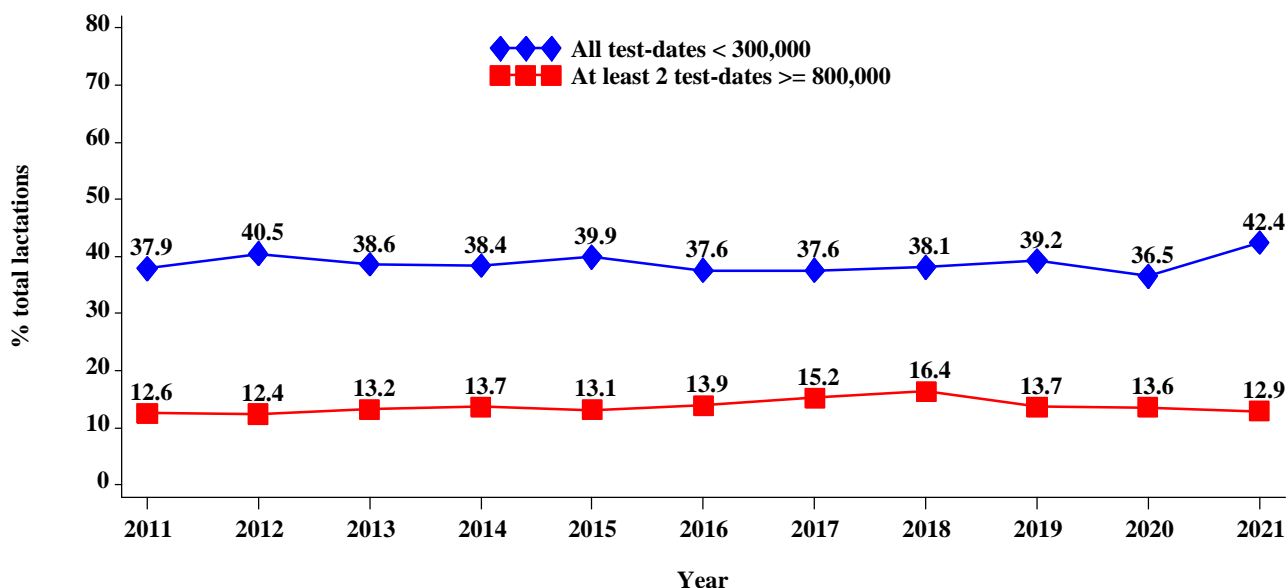


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<3000 kg	7	17.5	100	11.1	2,367	36.8	31.0	258	2,220	404
>=3000 & <4000 kg	14	35.0	314	34.9	3,619	37.6	31.5	277	3,536	400
>=4000 & <5000 kg	15	37.5	361	40.1	4,506	37.3	32.0	299	4,317	391
>=5000 kg	4	10.0	126	14.0	5,502	37.5	32.1	300	5,355	384
Overall total	40	100	901	100	4,099	37.4	31.8	287	3,957	395

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	151	12.6	452	37.9	591	49.5	1,194
2012	152	12.4	495	40.5	576	47.1	1,223
2013	168	13.2	491	38.6	613	48.2	1,272
2014	184	13.7	516	38.4	644	47.9	1,344
2015	180	13.1	548	39.9	644	46.9	1,372
2016	196	13.9	532	37.6	687	48.6	1,415
2017	217	15.2	537	37.6	675	47.2	1,429
2018	233	16.4	543	38.1	649	45.5	1,425
2019	194	13.7	554	39.2	665	47.1	1,413
2020	189	13.6	509	36.5	695	49.9	1,393
2021	172	12.9	564	42.4	594	44.7	1,330



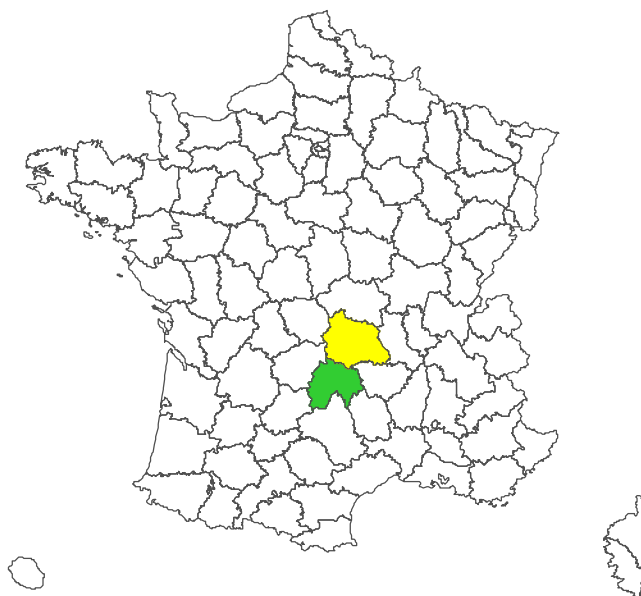
¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed SALERS
(French breed code : 23)

Geographical distribution of qualified lactations of Salers breed ¹

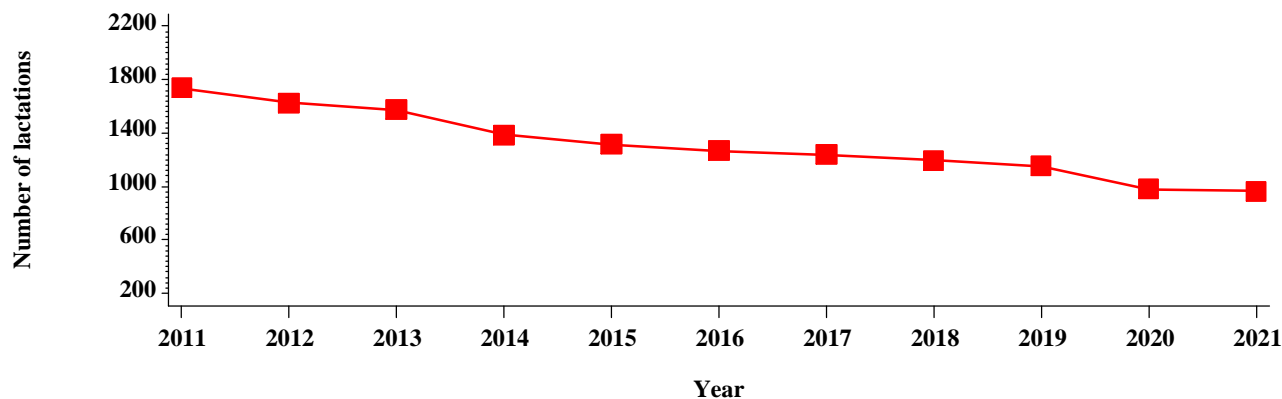


¹ Only local areas that count up more than 40 lactations for Salers breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	188	36	245	2,130	75	35.4	71	33.2	146	68.7	
2nd lactation	177	48	229	2,147	74	34.3	72	33.5	146	67.8	378
3rd lactation	132	61	237	2,361	78	33.0	78	32.9	156	65.9	369
4th lactation	97	73	238	2,537	85	33.7	82	32.5	168	66.2	372
5th lactation	91	85	237	2,545	86	33.7	83	32.7	169	66.4	369
6th lactation	75	97	227	2,549	87	34.0	82	32.3	169	66.3	377
7th lactation	68	109	242	2,753	91	32.9	90	32.6	180	65.5	364
Lactation 8 and over	137	140	224	2,259	74	32.8	74	32.9	148	65.7	378
All lactations	965		235	2,339	79	33.8	77	32.9	156	66.8	373

Evolution of the number of qualified lactations for Salers breed

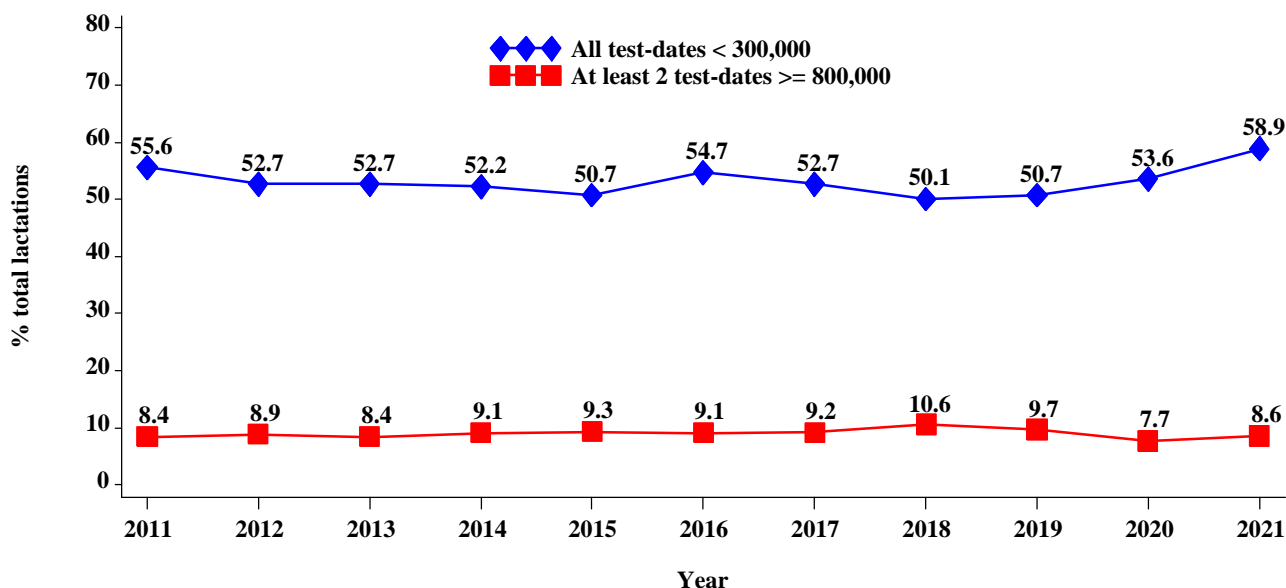


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<1000 kg	2	8.3	50	5.3	979	35.3	32.2	159	979	376
>=1000 & <2000 kg	6	25.0	202	21.5	1,678	32.0	32.5	207	1,677	375
>=2000 & <3000 kg	14	58.3	568	60.6	2,452	33.7	33.1	242	2,448	371
>=3000 kg	2	8.3	118	12.6	3,524	35.6	33.0	293	3,497	365
Overall total	24	100	938	100	2,341	33.8	33.0	237	2,336	371

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	146	8.4	967	55.6	625	36.0	1,738
2012	145	8.9	858	52.7	625	38.4	1,628
2013	133	8.4	829	52.7	612	38.9	1,574
2014	126	9.1	725	52.2	538	38.7	1,389
2015	122	9.3	667	50.7	526	40.0	1,315
2016	115	9.1	694	54.7	460	36.2	1,269
2017	114	9.2	654	52.7	473	38.1	1,241
2018	127	10.6	598	50.1	469	39.3	1,194
2019	112	9.7	584	50.7	456	39.6	1,152
2020	75	7.7	525	53.6	380	38.8	980
2021	83	8.6	568	58.9	314	32.5	965



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



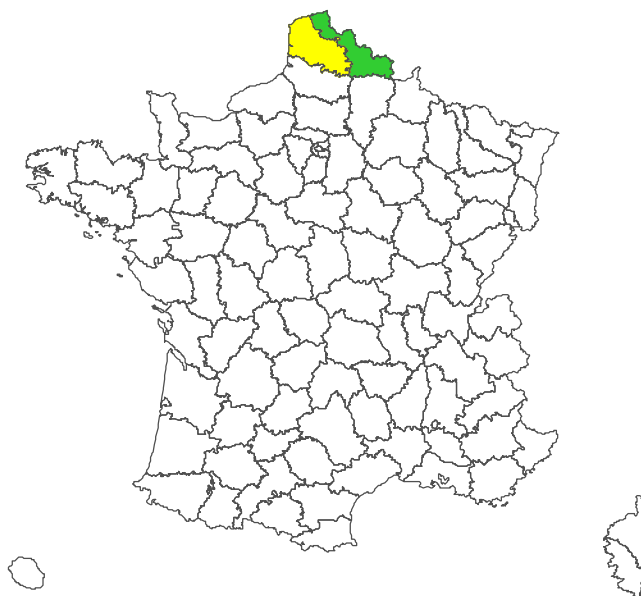
Detailed results per breed

Breed ROUGE FLAMANDE
(French breed code : 63)

Geographical distribution of qualified lactations of Rouge Flamande breed ¹



191
430

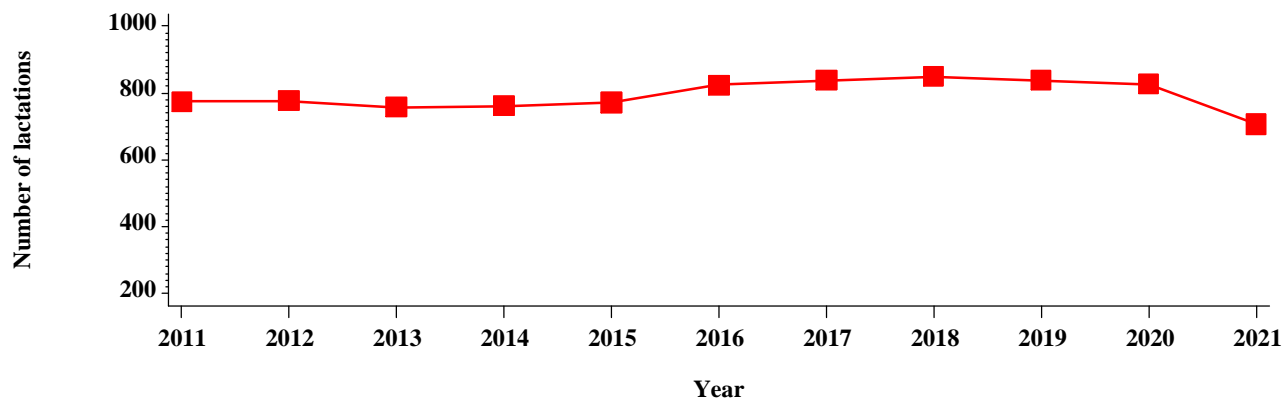


¹ Only local areas that count up more than 40 lactations for Rouge Flamande breed are shown on the map

Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	243	33	323	5,300	210	39.5	174	32.9	384	72.5	
2nd lactation	165	46	307	5,750	231	40.1	192	33.3	422	73.4	389
3rd lactation	125	58	317	6,498	261	40.2	211	32.5	472	72.7	405
4th lactation	70	70	304	5,633	222	39.4	181	32.1	403	71.6	395
5th lactation	52	85	306	5,749	227	39.5	185	32.1	412	71.6	407
6th lactation	35	96	310	5,898	232	39.3	184	31.2	416	70.5	392
7th lactation	15	109	280	5,608	220	39.1	185	32.9	404	72.1	406
Lactation 8 and over	2	134	253	5,861	223	38.0	196	33.5	419	71.5	374
All lactations	707		314	5,720	227	39.8	187	32.7	415	72.5	397

Evolution of the number of qualified lactations for Rouge Flamande breed

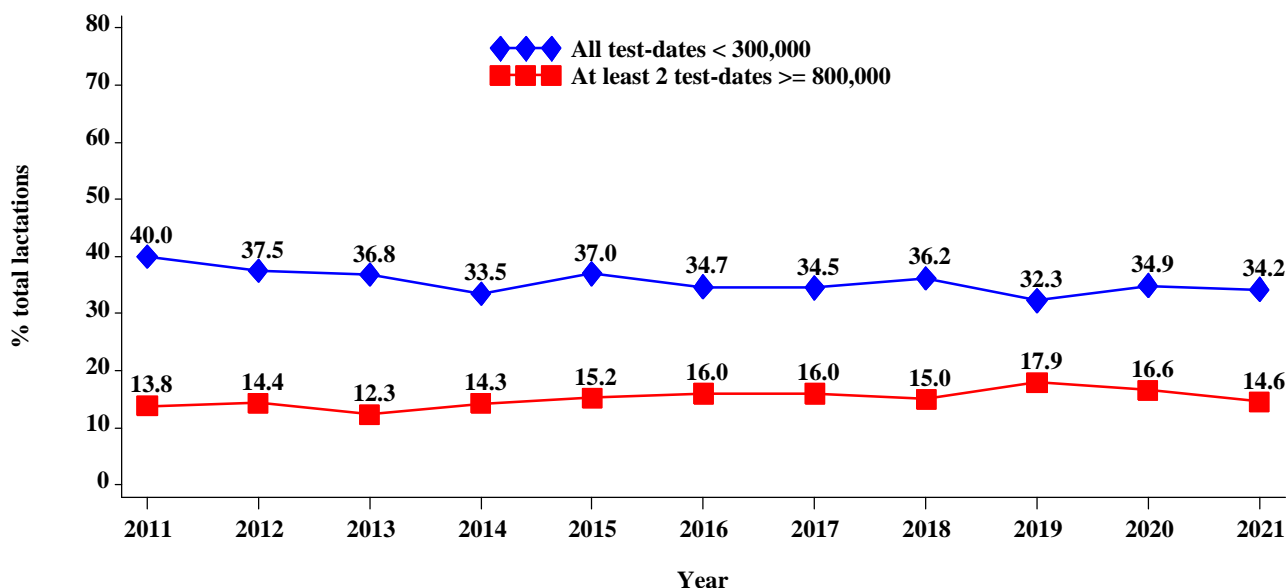


Herd distribution¹ per milk yield level

Milk yield levels	Herds		Lactations		Complete lactation milk yield kg	Fat % g/kg	True protein % g/kg	Lactation duration days	305-d lactation milk yield kg	Calving interval days
	Nb	%	Nb	%						
<4000 kg	2	33.3	55	25.8	3,679	36.4	31.3	294	3,532	400
>=4000 & <5000 kg	2	33.3	54	25.4	4,936	39.8	33.4	308	4,673	394
>=5000 & <6000 kg	1	16.7	32	15.0	5,571	41.2	32.8	358	4,967	433
>=6000 & <7000 kg	1	16.7	72	33.8	6,808	40.8	33.8	308	6,388	391
Overall total	6	100	213	100	5,339	39.8	33.1	312	5,002	400

Evolution of somatic cells count distribution

Year	At least 2 test-dates with cell count >= 800,000		Lactations with All test-dates with cell count < 300,000		Intermediate somatic cell counts		Overall total
	Nb	%	Nb	%	Nb	%	
2011	107	13.8	310	40.0	358	46.2	775
2012	112	14.4	291	37.5	374	48.1	777
2013	93	12.3	279	36.8	386	50.9	758
2014	109	14.3	255	33.5	397	52.2	761
2015	117	15.2	286	37.0	369	47.8	772
2016	132	16.0	286	34.7	407	49.3	825
2017	134	16.0	289	34.5	415	49.5	838
2018	127	15.0	307	36.2	415	48.9	849
2019	150	17.9	271	32.3	417	49.8	838
2020	137	16.6	288	34.9	401	48.5	826
2021	103	14.6	242	34.2	362	51.2	707



¹Pure-bred herds only: A herd is considered as pure-bred when at least 80% of the total number of cows that belong to this herd has the same breed code.



Detailed results per breed

Breed BLEUE DU NORD (French breed code : 52)



Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	171	34	317	4,684	176	37.6	151	32.3	328	69.9	
2nd lactation	108	47	302	5,037	196	38.8	164	32.6	360	71.4	384
3rd lactation	94	60	287	5,247	200	38.1	166	31.6	366	69.7	383
4th lactation	51	74	288	5,040	193	38.3	160	31.7	353	70.0	377
5th lactation	37	85	292	5,602	211	37.7	177	31.5	387	69.2	382
6th lactation	25	98	285	5,020	180	35.9	155	30.9	335	66.8	386
7th lactation	14	112	284	5,003	180	36.0	155	31.1	336	67.1	436
Lactation 8 and over	11	136	299	5,113	175	34.3	155	30.3	330	64.6	366
All lactations	511		301	4,999	189	37.8	160	32.0	349	69.8	384

Detailed results per breed

Breed BRETONNE PIE NOIRE (French breed code: 29)



Complete lactations results per parity

Parity	Number of qualified lactations	Calving age months	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat + true protein content kg	Fat + true protein % g/kg	Calving interval days
1st lactation	65	30	253	1,974	89	44.9	66	33.4	154	78.3	
2nd lactation	68	44	252	2,244	96	42.9	75	33.6	172	76.5	404
3rd lactation	26	57	247	2,362	103	43.4	78	33.1	181	76.5	395
4th lactation	15	70	272	2,958	137	46.2	96	32.5	233	78.7	381
5th lactation	17	82	262	3,042	133	43.8	100	32.9	233	76.7	378
6th lactation	11	94	278	2,614	119	45.6	90	34.2	209	79.8	370
7th lactation	10	110	344	3,432	154	44.7	116	33.7	269	78.4	478
Lactation 8 and over	10	134	269	3,094	134	43.4	97	31.3	231	74.8	395
All lactations	222		260	2,398	106	44.1	80	33.2	185	77.3	399



III - RESULTS PER LOCAL AREA (= French “département”)

3.1.a - Qualified lactations per protocol and local area

Département	Protocoles																												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES	
	A		AR		AR*		AT		AT*		B		BR		BR*		BT		BT*		BZ		BZ*		CZ		CZ*				
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%			Nb
Ain	14,995	47.5			12	0.0	5,179	16.4	4,444	14.1	2,558	8.1	84	0.3	4,107	13.0	20	0.1	96	0.3									31,568	1,653	
Aisne	14,440	85.6	975	5.8	702	4.2	5	0.0	580	3.4	170	1.0																16,872	945		
Allier	2,134	53.9					1,440	36.4	161	4.1	104	2.6					117	3.0										3,956	274		
Alpes Hte Provence					147	26.2	354	63.0	16	2.8							44	7.8	1	0.2								562	13		
Hautes Alpes	677	28.3			3	0.1	387	16.2	6	0.3	912	38.1	1	0.0	100	4.2	295	12.3	12	0.5								2,393	139		
Alpes Maritimes							126	100.0																				126	2		
Ardèche	325	5.8	7	0.1	324	5.8	4,360	77.9	491	8.8	17	0.3					2	0.0	68	1.2								5,594	353		
Ardennes	5,453	45.9					2,524	21.2	466	3.9	1,719	14.5	30	0.3	1,249	10.5	105	0.9	142	1.2				80	0.7	116	1.0	11,884	1,019		
Ariège	148	5.9					36	1.4	2,323	92.0	17	0.7																2,524	88		
Aube	697	11.1	19	0.3	983	15.7	776	12.4	31	0.5	118	1.9	2	0.0	220	3.5								2,376	37.9	1,043	16.6	6,265	220		
Aude	44	15.0					4	1.4	245	83.6																		293	11		
Aveyron	56	0.2	13	0.0	1,762	5.4	246	0.8	27,644	84.5	10	0.0	7	0.0	2,337	7.1			1	0.0	1	0.0	415	1.3	1	0.0	223	0.7	32,716	1,382	
Calvados	20,137	42.0	103	0.2	3,261	6.8	2,549	5.3	14,658	30.5	2,183	4.5	109	0.2	3,343	7.0	70	0.1	298	0.6	13	0.0	445	0.9	29	0.1	791	1.6	47,989	4,998	
Cantal	3,575	8.0	27	0.1	1,243	2.8	363	0.8	32,758	73.5	946	2.1	17	0.0	1,714	3.8	35	0.1	2,680	6.0	3	0.0	246	0.6	15	0.0	946	2.1	44,568	2,370	
Charente	2,790	56.7	3	0.1	180	3.7	67	1.4	1,250	25.4	488	9.9			70	1.4										76	1.5	4,924	234		
Charente Maritime	3,848	53.1	25	0.3	224	3.1	192	2.6	886	12.2	761	10.5	167	2.3	900	12.4	48	0.7	195	2.7								7,246	415		
Cher	1,822	56.8	3	0.1	445	13.9	39	1.2	31	1.0	2	0.1	7	0.2	227	7.1									532	16.6	99	3.1	3,207	247	
Corrèze	124	2.7			9	0.2	31	0.7	4,216	93.0			1	0.0	151	3.3												4,532	217		
Côte d'Or	4,817	41.4	30	0.3	1,392	12.0	1,594	13.7	302	2.6			46	0.4	1,616	13.9							180	1.5	1,133	9.7	535	4.6	11,645	617	
Côtes d'Armor	38,932	40.3	343	0.4	25	0.0	15,456	16.0	11,994	12.4	12,562	13.0	10,263	10.6	4,210	4.4	176	0.2	670	0.7	119	0.1	558	0.6	472	0.5	863	0.9	96,643	6,779	
Creuse	1,636	51.5			99	3.1	1,238	39.0	155	4.9					50	1.6												3,178	161		
Dordogne	2,245	25.7					70	0.8	4,781	54.6	417	4.8	14	0.2	1,141	13.0	1	0.0	83	0.9								8,752	579		
Doubs	75,548	91.9	66	0.1	2,630	3.2	2,347	2.9	227	0.3	1,383	1.7	1	0.0	15	0.0												82,217	5,328		
Drôme	557	20.2	13	0.5	609	22.1	1,338	48.6	238	8.6																		2,755	134		
Eure	9,045	66.5	120	0.9	1,194	8.8	390	2.9	2,080	15.3	254	1.9	5	0.0	169	1.2							31	0.2	3	0.0	303	2.2	13,594	1,236	
Eure & Loir	3,032	67.3	2	0.0	140	3.1	29	0.6	201	4.5	56	1.2	125	2.8	918	20.4												4,503	526		
Finistère	41,768	51.2	552	0.7	24	0.0	10,870	13.3	8,418	10.3	9,171	11.2	6,729	8.2	981	1.2	283	0.3	582	0.7	54	0.1	447	0.5	615	0.8	1,104	1.4	81,598	5,550	
Haute Garonne	1,509	24.9	9	0.1	816	13.5	27	0.4	3,570	59.0							2	0.0	99	1.6					1	0.0	19	0.3	6,052	306	
Gers	202	18.1	4	0.4	92	8.3	8	0.7	694	62.2	115	10.3																1,115	78		
Gironde	1,309	46.4	1	0.0	235	8.3	11	0.4	1,250	44.3	10	0.4			2	0.1										2	0.1	2,820	272		
Hérault	2	2.4					1	1.2	81	96.4																		84	2		
Ille & Vilaine	44,669	27.7	90	0.1	3,104	1.9	3,435	2.1	60,008	37.2	21,001	13.0	1,503	0.9	17,545	10.9	40	0.0	3,931	2.4	28	0.0	1,959	1.2	177	0.1	3,847	2.4	161,337	11,743	
Indre	722	20.6					118	3.4	11	0.3	1,853	52.7	73	2.1	736	21.0												3,513	389		
Indre & Loire	5,962	53.0	9	0.1	953	8.5	50	0.4	546	4.9	1,798	16.0	150	1.3	1,729	15.4			34	0.3			17	0.2			11,248	758			
Isère	9,551	53.6	77	0.4	1,680	9.4	5,085	28.6	890	5.0	358	2.0	3	0.0	163	0.9												17,807	911		
Jura	38,817	84.9			4	0.0	1,378	3.0	331	0.7	4,108	9.0	3	0.0	821	1.8							1	0.0	242	0.5		2	0.0	45,707	2,553
Landes	1,642	45.7	11	0.3	259	7.2	12	0.3	955	26.6					16	0.4	700	19.5										3,595	227		



3.1.a - Qualified lactations per protocol and local area

Département	Protocoles																												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES		
	A		AR		AR*		AT		AT*		B		BR		BR*		BT		BT*		BZ		BZ*		CZ		CZ*					
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%			Nb	%
Tarn & Garonne	44	1.4	2	0.1	299	9.7	36	1.2	2,149	69.6							1	0.0	509	16.5			48	1.6							3,088	136
Var							13	100.0																							13	1
Vendée	26,434	53.8	9	0.0	540	1.1	358	0.7	2,086	4.2	10,214	20.8	557	1.1	7,491	15.2	42	0.1	200	0.4	31	0.1	285	0.6	85	0.2	815	1.7	49,147	2,841		
Vienne	2,098	35.7	34	0.6	645	11.0	53	0.9	1,698	28.9	695	11.8	23	0.4	494	8.4					1	0.0	71	1.2			72	1.2	5,884	321		
Haute Vienne	2,261	54.2	13	0.3	636	15.3	27	0.6	874	21.0	82	2.0			121	2.9	6	0.1	101	2.4					2	0.0	47	1.1	4,170	420		
Vosges	13,429	34.7	287	0.7	179	0.5	4,569	11.8	3,482	9.0	4,070	10.5	8,335	21.5	2,000	5.2	1,086	2.8	791	2.0	2	0.0	336	0.9	1	0.0	171	0.4	38,738	2,822		
Yonne	503	6.3	35	0.4	667	8.4	501	6.3	211	2.7	366	4.6	3	0.0	246	3.1									2,568	32.4	2,838	35.8	7,938	390		
Territoire de Belfort	2,257	62.2	7	0.2	1,354	37.3	1	0.0			1	0.0			7	0.2											1	0.0	3,628	200		
Essonne	8	27.6							21	72.4																			29	1		
Val d'Oise	155	82.0					2	1.1	32	16.9																			189	9		
Réunion	2,278	100.0																											2,278	175		
Total	955,384	46.3	11,849	0.6	86,940	4.2	145,157	7.0	378,305	18.3	211,358	10.2	52,058	2.5	129,877	6.3	5,429	0.3	26,760	1.3	1,848	0.1	12,734	0.6	15,845	0.8	30,587	1.5	2,064,131	138,041		



3.1.b - Qualified lactations per method and local area

Département	Méthodes												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	4		5		6		7		8		9			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	Nb
Ain	20,149	63.8	5,399	17.1	1,604	5.1	1,223	3.9	1,952	6.2	1,241	3.9	31,568	1,653
Aisne	9,268	54.9	2,638	15.6	1,555	9.2	1,297	7.7	1,057	6.3	1,057	6.3	16,872	945
Allier	3,200	80.9	310	7.8	85	2.1	81	2.0	170	4.3	110	2.8	3,956	274
Alpes Hte Provence	500	89.0	30	5.3	14	2.5	4	0.7	10	1.8	4	0.7	562	13
Hautes Alpes	438	18.3	1,010	42.2	485	20.3	173	7.2	139	5.8	148	6.2	2,393	139
Alpes Maritimes	103	81.7	9	7.1	2	1.6	5	4.0	3	2.4	4	3.2	126	2
Ardèche	3,360	60.1	1,000	17.9	498	8.9	241	4.3	249	4.5	246	4.4	5,594	353
Ardennes	5,329	44.8	3,130	26.3	1,195	10.1	679	5.7	999	8.4	552	4.6	11,884	1,019
Ariège	1,485	58.8	667	26.4	182	7.2	68	2.7	59	2.3	63	2.5	2,524	88
Aube	3,767	60.1	582	9.3	763	12.2	446	7.1	562	9.0	145	2.3	6,265	220
Aude			170	58.0	76	25.9	19	6.5	19	6.5	9	3.1	293	11
Aveyron	17,361	53.1	9,485	29.0	2,249	6.9	1,400	4.3	1,188	3.6	1,033	3.2	32,716	1,382
Calvados	16,182	33.7	13,100	27.3	6,836	14.2	4,684	9.8	4,703	9.8	2,484	5.2	47,989	4,998
Cantal	22,593	50.7	14,889	33.4	2,562	5.7	1,557	3.5	1,589	3.6	1,378	3.1	44,568	2,370
Charente	1,877	38.1	1,455	29.5	733	14.9	446	9.1	199	4.0	214	4.3	4,924	234
Charente Maritime	3,845	53.1	1,190	16.4	751	10.4	448	6.2	786	10.8	226	3.1	7,246	415
Cher	1,002	31.2	526	16.4	524	16.3	298	9.3	648	20.2	209	6.5	3,207	247
Corrèze	2,768	61.1	685	15.1	393	8.7	282	6.2	250	5.5	154	3.4	4,532	217
Côte d'Or	6,858	58.9	1,220	10.5	1,210	10.4	839	7.2	1,067	9.2	451	3.9	11,645	617
Côtes d'Armor	25,462	26.3	31,386	32.5	18,642	19.3	8,980	9.3	6,687	6.9	5,486	5.7	96,643	6,779
Creuse	1,655	52.1	723	22.8	356	11.2	187	5.9	149	4.7	108	3.4	3,178	161
Dordogne	3,904	44.6	2,000	22.9	824	9.4	673	7.7	758	8.7	593	6.8	8,752	579
Doubs	51,058	62.1	13,514	16.4	5,852	7.1	4,458	5.4	4,444	5.4	2,891	3.5	82,217	5,328
Drôme	1,429	51.9	629	22.8	246	8.9	144	5.2	162	5.9	145	5.3	2,755	134
Eure	7,200	53.0	2,216	16.3	1,304	9.6	984	7.2	1,186	8.7	704	5.2	13,594	1,236
Eure & Loir	2,042	45.3	783	17.4	518	11.5	552	12.3	234	5.2	374	8.3	4,503	526
Finistère	23,951	29.4	23,394	28.7	15,518	19.0	9,117	11.2	5,754	7.1	3,864	4.7	81,598	5,550
Haute Garonne	4,477	74.0	554	9.2	266	4.4	278	4.6	262	4.3	215	3.6	6,052	306
Gers	584	52.4	147	13.2	120	10.8	163	14.6	84	7.5	17	1.5	1,115	78
Gironde	1,834	65.0	266	9.4	186	6.6	219	7.8	207	7.3	108	3.8	2,820	272
Hérault	32	38.1	22	26.2	4	4.8	3	3.6	21	25.0	2	2.4	84	2
Ille & Vilaine	64,001	39.7	40,183	24.9	22,840	14.2	13,353	8.3	12,135	7.5	8,825	5.5	161,337	11,743
Indre	628	17.9	1,084	30.9	461	13.1	276	7.9	777	22.1	287	8.2	3,513	389
Indre & Loire	5,352	47.6	2,512	22.3	969	8.6	824	7.3	1,187	10.6	404	3.6	11,248	758
Isère	10,040	56.4	3,972	22.3	1,648	9.3	788	4.4	769	4.3	590	3.3	17,807	911
Jura	31,439	68.8	6,126	13.4	2,901	6.3	2,164	4.7	1,592	3.5	1,485	3.2	45,707	2,553
Landes	1,782	49.6	757	21.1	191	5.3	321	8.9	441	12.3	103	2.9	3,595	227
Loir & Cher	3,894	52.2	815	10.9	700	9.4	929	12.4	533	7.1	593	7.9	7,464	434
Loire	16,594	49.2	11,360	33.7	1,995	5.9	1,735	5.1	1,151	3.4	922	2.7	33,757	1,497
Haute Loire	17,770	47.5	11,812	31.5	2,874	7.7	1,617	4.3	2,203	5.9	1,173	3.1	37,449	1,908



3.1.b - Qualified lactations per method and local area

Département	Méthodes												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	4		5		6		7		8		9			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%		
Loire Atlantique	48,857	60.3	12,418	15.3	6,602	8.2	4,381	5.4	6,172	7.6	2,568	3.2	80,998	4,527
Loiret	2,120	44.0	816	16.9	413	8.6	456	9.5	749	15.5	268	5.6	4,822	273
Lot	4,121	53.5	2,151	27.9	554	7.2	284	3.7	284	3.7	313	4.1	7,707	341
Lot & Garonne	3,800	66.7	900	15.8	238	4.2	234	4.1	191	3.4	331	5.8	5,694	331
Lozère	2,824	39.4	3,380	47.1	441	6.2	202	2.8	166	2.3	157	2.2	7,170	316
Maine & Loire	23,913	41.6	14,135	24.6	7,401	12.9	3,817	6.6	6,352	11.1	1,833	3.2	57,451	3,225
Manche	53,591	43.9	23,483	19.2	16,364	13.4	9,776	8.0	12,074	9.9	6,818	5.6	122,106	11,933
Marne	483	13.4	884	24.5	604	16.7	590	16.3	794	22.0	256	7.1	3,611	401
Haute Marne	7,365	31.8	5,982	25.8	3,306	14.3	2,953	12.7	2,524	10.9	1,059	4.6	23,189	1,442
Mayenne	62,547	59.5	17,827	16.9	6,953	6.6	5,366	5.1	8,558	8.1	3,925	3.7	105,176	5,613
Meurthe & Moselle	10,364	47.2	3,438	15.7	1,876	8.6	1,976	9.0	3,054	13.9	1,233	5.6	21,941	1,459
Meuse	10,914	46.3	4,049	17.2	1,911	8.1	1,881	8.0	2,987	12.7	1,836	7.8	23,578	1,635
Morbihan	21,457	25.4	27,524	32.6	18,516	21.9	8,482	10.0	4,950	5.9	3,621	4.3	84,550	5,338
Moselle	13,378	47.4	6,870	24.3	1,989	7.0	2,255	8.0	2,527	8.9	1,220	4.3	28,239	2,578
Nièvre	463	56.8	129	15.8	73	9.0	59	7.2	70	8.6	21	2.6	815	128
Nord	15,824	35.7	11,613	26.2	5,312	12.0	4,408	9.9	3,812	8.6	3,357	7.6	44,326	4,265
Oise	4,920	52.6	1,617	17.3	993	10.6	704	7.5	478	5.1	641	6.9	9,353	553
Orne	23,162	34.4	19,688	29.2	8,098	12.0	5,040	7.5	7,370	10.9	3,988	5.9	67,346	4,672
Pas de Calais	11,779	30.9	7,889	20.7	7,399	19.4	4,787	12.5	3,165	8.3	3,130	8.2	38,149	3,816
Puy de Dôme	14,236	39.7	10,839	30.2	3,697	10.3	2,514	7.0	2,666	7.4	1,885	5.3	35,837	1,836
Pyrénées Atlantiques	4,431	41.0	3,321	30.7	996	9.2	778	7.2	868	8.0	408	3.8	10,802	776
Hautes Pyrénées	805	30.4	587	22.2	420	15.9	256	9.7	410	15.5	169	6.4	2,647	202
Pyrénées Orientales	6	3.1	40	20.9	56	29.3	26	13.6	9	4.7	54	28.3	191	24
Bas Rhin	11,381	50.1	2,932	12.9	1,611	7.1	2,244	9.9	3,390	14.9	1,149	5.1	22,707	1,616
Haut Rhin	5,834	47.9	2,153	17.7	1,093	9.0	1,124	9.2	1,269	10.4	712	5.8	12,185	1,014
Rhône	11,101	57.3	3,989	20.6	2,411	12.4	808	4.2	541	2.8	524	2.7	19,374	860
Haute Saône	17,022	55.5	4,273	13.9	3,994	13.0	2,613	8.5	1,766	5.8	1,000	3.3	30,668	1,847
Saône & Loire	9,009	59.1	3,874	25.4	937	6.1	532	3.5	430	2.8	474	3.1	15,256	966
Sarthe	23,700	57.8	5,731	14.0	2,417	5.9	2,128	5.2	5,132	12.5	1,861	4.5	40,969	2,525
Savoie	15,773	69.1	2,840	12.4	1,575	6.9	1,054	4.6	959	4.2	619	2.7	22,820	1,152
Haute Savoie	26,085	72.1	4,235	11.7	2,030	5.6	1,419	3.9	1,235	3.4	1,182	3.3	36,186	1,876
Seine Maritime	25,565	57.6	7,456	16.8	4,291	9.7	2,614	5.9	2,843	6.4	1,619	3.6	44,388	2,617
Seine & Marne	563	21.8	538	20.8	362	14.0	278	10.7	473	18.3	374	14.5	2,588	180
Yvelines	415	30.5	392	28.8	264	19.4	156	11.5	79	5.8	54	4.0	1,360	102
Deux Sèvres	4,883	24.6	5,946	30.0	2,802	14.1	2,484	12.5	2,676	13.5	1,033	5.2	19,824	1,199
Somme	10,274	46.3	4,399	19.8	2,170	9.8	1,946	8.8	1,717	7.7	1,697	7.6	22,203	2,014
Tarn	4,921	56.2	1,446	16.5	854	9.8	445	5.1	631	7.2	454	5.2	8,751	505
Tarn & Garonne	2,260	73.2	378	12.2	198	6.4	105	3.4	79	2.6	68	2.2	3,088	136
Var	4	30.8	6	46.2	3	23.1							13	1
Vendée	26,411	53.7	8,249	16.8	3,739	7.6	3,438	7.0	5,520	11.2	1,790	3.6	49,147	2,841



3.1.b - Qualified lactations per method and local area

Département	Méthodes												LACTATIONS QUALIFIEES	LACTATIONS NON QUALIFIEES
	4		5		6		7		8		9			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%	Nb	Nb
Vienne	2,082	35.4	1,267	21.5	1,178	20.0	658	11.2	395	6.7	304	5.2	5,884	321
Haute Vienne	1,561	37.4	1,144	27.4	422	10.1	271	6.5	373	8.9	399	9.6	4,170	420
Vosges	19,484	50.3	6,120	15.8	2,986	7.7	2,734	7.1	5,336	13.8	2,078	5.4	38,738	2,822
Yonne	4,350	54.8	1,038	13.1	813	10.2	677	8.5	789	9.9	271	3.4	7,938	390
Territoire de Belfort	2,143	59.1	690	19.0	225	6.2	243	6.7	214	5.9	113	3.1	3,628	200
Essonne			17	58.6	8	27.6	1	3.4	1	3.4	2	6.9	29	1
Val d'Oise	8	4.2	89	47.1	42	22.2	19	10.1	28	14.8	3	1.6	189	9
Réunion	9	0.4	865	38.0	886	38.9	262	11.5	107	4.7	149	6.5	2,278	175
Total	961,411	46.6	461,397	22.4	231,655	11.2	151,433	7.3	162,598	7.9	95,637	4.6	2,064,131	138,041



3.2 - Complete lactations per local area - all breeds - all lactations

Local area ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Ain	31,568	336	8,755	353	40.3	293	33.5	646	73.7	67	409
Aisne	16,872	345	9,546	384	40.2	311	32.6	695	72.8	62	410
Allier	3,956	359	9,145	373	40.7	302	33.0	674	73.7	68	428
Alpes Hte Provence	562	310	6,193	242	39.1	206	33.2	448	72.3	90	410
Hautes Alpes	2,393	329	6,133	239	38.9	198	32.3	437	71.2	87	423
Alpes Maritimes	126	319	5,285	201	38.1	175	33.1	376	71.2	92	417
Ardèche	5,594	336	7,385	296	40.0	244	33.0	539	73.0	72	416
Ardennes	11,884	342	9,190	367	39.9	298	32.4	665	72.3	67	413
Ariège	2,524	366	8,962	363	40.5	296	33.0	658	73.4	71	437
Aube	6,265	364	9,560	386	40.4	310	32.4	696	72.8	67	426
Aude	293	378	8,560	347	40.5	280	32.7	627	73.2	77	445
Aveyron	32,716	343	8,364	339	40.6	274	32.7	613	73.3	67	414
Calvados	47,989	347	8,643	353	40.9	286	33.0	639	73.9	68	417
Cantal	44,568	328	7,251	288	39.7	237	32.7	525	72.4	73	406
Charente	4,924	357	8,514	355	41.7	281	33.0	636	74.7	68	427
Charente Maritime	7,246	355	9,280	376	40.5	302	32.5	678	73.0	67	421
Cher	3,207	352	8,795	366	41.7	288	32.7	654	74.4	70	422
Corrèze	4,532	347	7,666	307	40.1	248	32.3	555	72.4	76	424
Côte d'Or	11,645	341	8,239	333	40.4	277	33.6	609	74.0	68	412
Côtes d'Armor	96,643	345	9,397	382	40.6	303	32.2	685	72.9	64	413
Creuse	3,178	357	8,176	330	40.3	265	32.4	595	72.7	70	426
Dordogne	8,752	355	9,152	373	40.8	300	32.8	673	73.6	69	428
Doubs	82,217	311	7,552	289	38.3	251	33.2	540	71.5	73	396
Drôme	2,755	340	8,312	333	40.1	274	33.0	607	73.1	66	419
Eure	13,594	350	9,143	375	41.0	304	33.2	679	74.2	65	417
Eure & Loir	4,503	358	9,220	387	42.0	309	33.5	697	75.6	68	423
Finistère	81,598	347	8,985	364	40.5	288	32.0	651	72.5	65	412
Haute Garonne	6,052	357	9,095	363	39.9	295	32.5	658	72.3	72	439
Gers	1,115	339	8,494	334	39.4	271	31.9	605	71.2	84	430
Gironde	2,820	348	9,090	357	39.3	295	32.5	652	71.7	71	435
Hérault	84	412	8,596	335	38.9	274	31.8	608	70.8	81	464
Ille & Vilaine	161,337	348	9,141	377	41.3	300	32.8	677	74.0	64	413
Indre	3,513	369	9,915	409	41.3	327	33.0	737	74.3	67	432
Indre & Loire	11,248	352	9,950	410	41.2	326	32.8	736	74.0	64	415
Isère	17,807	340	8,620	347	40.3	286	33.2	633	73.5	67	416
Jura	45,707	317	7,513	284	37.8	249	33.1	533	70.9	73	400
Landes	3,595	353	9,617	391	40.7	308	32.1	699	72.7	69	430
Loir & Cher	7,464	352	9,589	398	41.5	316	32.9	713	74.4	64	411
Loire	33,757	338	8,725	354	40.6	288	33.0	642	73.6	68	411
Haute Loire	37,449	331	7,889	322	40.8	264	33.5	586	74.2	70	411
Loire Atlantique	80,998	354	9,289	386	41.5	304	32.7	690	74.3	64	414
Loiret	4,822	360	9,725	399	41.0	317	32.6	716	73.6	65	421
Lot	7,707	355	8,947	365	40.7	290	32.5	655	73.2	67	423
Lot & Garonne	5,694	347	8,842	360	40.7	285	32.2	645	72.9	73	432
Lozère	7,170	324	6,804	266	39.1	224	33.0	490	72.1	74	403
Maine & Loire	57,451	356	9,558	407	42.5	317	33.2	724	75.8	62	412
Manche	122,106	346	8,704	357	41.0	290	33.3	647	74.4	66	413

¹Only the local areas which count up more than 40 results are listed here.



Complete lactations per local area - all breeds - all lactations (cont.)

Local area ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Marne	3,611	346	9,888	387	39.2	319	32.3	706	71.4	68	411
Haute Marne	23,189	345	9,156	367	40.1	305	33.3	671	73.3	71	414
Mayenne	105,176	357	9,147	385	42.1	305	33.4	691	75.5	61	417
Meurthe & Moselle	21,941	338	9,106	366	40.2	291	32.0	657	72.2	67	411
Meuse	23,578	338	9,724	387	39.8	315	32.4	702	72.2	68	414
Morbihan	84,550	349	9,524	390	41.0	310	32.6	701	73.6	63	414
Moselle	28,239	338	9,210	374	40.6	300	32.6	675	73.3	66	411
Nièvre	815	343	9,384	367	39.1	299	31.8	666	70.9	75	433
Nord	44,326	345	9,679	390	40.2	312	32.3	702	72.5	64	407
Oise	9,353	348	9,462	384	40.5	308	32.5	691	73.1	64	409
Orne	67,346	354	8,777	368	41.9	295	33.6	663	75.5	63	416
Pas de Calais	38,149	355	10,021	393	39.2	322	32.1	715	71.3	63	412
Puy de Dôme	35,837	339	7,677	304	39.6	251	32.7	555	72.3	75	415
Pyrénées Atlantiques	10,802	352	9,818	389	39.6	318	32.4	707	72.0	68	426
Hautes Pyrénées	2,647	349	9,508	375	39.5	310	32.6	686	72.1	67	431
Pyrénées Orientales	191	324	6,622	265	40.0	215	32.4	480	72.4	120	457
Bas Rhin	22,707	341	10,102	409	40.5	331	32.8	740	73.3	63	413
Haut Rhin	12,185	338	8,679	350	40.3	284	32.8	635	73.1	67	414
Rhône	19,374	336	8,401	341	40.6	278	33.1	619	73.7	67	410
Haute Saône	30,668	329	8,318	329	39.5	279	33.5	608	73.1	72	406
Saône & Loire	15,256	339	8,551	347	40.6	288	33.7	635	74.3	66	407
Sarthe	40,969	357	9,376	392	41.8	313	33.4	705	75.2	63	417
Savoie	22,820	304	5,759	215	37.3	190	33.0	405	70.3	94	405
Haute Savoie	36,186	317	7,490	280	37.3	249	33.3	529	70.6	78	404
Seine Maritime	44,388	351	8,996	366	40.7	298	33.1	664	73.8	63	412
Seine & Marne	2,588	355	10,062	406	40.4	324	32.2	730	72.6	64	415
Yvelines	1,360	317	9,798	392	40.0	314	32.0	706	72.0	67	397
Deux Sèvres	19,824	358	10,148	417	41.1	337	33.2	753	74.2	66	415
Somme	22,203	346	9,963	396	39.7	323	32.4	718	72.1	65	410
Tarn	8,751	354	8,831	355	40.2	285	32.2	640	72.5	70	428
Tarn & Garonne	3,088	372	8,453	347	41.1	272	32.2	620	73.3	68	445
Vendée	49,147	361	9,962	416	41.7	326	32.7	741	74.4	64	415
Vienne	5,884	365	9,731	402	41.3	322	33.1	724	74.4	62	426
Haute Vienne	4,170	347	8,501	346	40.8	278	32.7	624	73.4	74	427
Vosges	38,738	339	8,649	348	40.2	282	32.6	630	72.8	69	415
Yonne	7,938	371	9,888	404	40.8	322	32.6	726	73.4	66	428
Territoire de Belfort	3,628	336	8,873	359	40.4	296	33.4	655	73.8	66	413
Val d'Oise	189	349	9,267	365	39.4	300	32.3	665	71.7	61	406
Réunion	2,278	363	8,269	317	38.4	270	32.7	588	71.1	76	446

¹Only the local areas which count up more than 40 results are listed here.



3.3 - Complete lactations - all lactations per local area and breed

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Ain	ABONDANCE	45	334	5,977	213	35.6	202	33.9	415	69.5	73	422
	JERSIAISE	79	290	4,036	222	54.9	155	38.5	377	93.5	53	391
	BRUNE	167	344	8,605	354	41.2	298	34.7	653	75.9	66	426
	SIMMENTAL	587	315	6,456	257	39.8	219	33.9	476	73.7	71	399
	CROSSBRED	1,904	337	8,833	359	40.7	293	33.2	653	73.9	67	406
	MONTBELIARDE	22,079	333	8,357	335	40.1	283	33.8	618	74.0	66	404
	PRIM'HOLSTEIN	6,664	348	10,356	420	40.5	336	32.5	756	73.0	67	428
Aisne	JERSIAISE	62	365	7,871	431	54.8	303	38.5	735	93.4	54	439
	SIMMENTAL	67	342	6,858	282	41.1	235	34.3	517	75.4	78	431
	CROSSBRED	1,500	330	8,287	339	40.9	272	32.9	612	73.8	63	403
	MONTBELIARDE	565	328	7,641	310	40.6	258	33.8	568	74.4	61	398
	NORMANDE	381	344	6,042	252	41.7	205	33.9	457	75.7	75	413
	PRIM'HOLSTEIN	14,244	348	9,879	395	40.0	321	32.5	716	72.5	62	411
Allier	JERSIAISE	44	280	3,460	207	59.8	137	39.5	344	99.3	138	414
	BRUNE	59	424	7,353	312	42.4	255	34.6	567	77.1	53	500
	CROSSBRED	176	358	7,722	315	40.8	253	32.8	568	73.6	64	412
	MONTBELIARDE	438	328	6,787	276	40.6	233	34.4	509	75.0	67	394
	NORMANDE	190	343	6,995	299	42.7	246	35.1	545	77.9	65	407
	PRIM'HOLSTEIN	3,047	364	9,816	398	40.5	321	32.7	719	73.2	67	434
Alpes Hte Provence	ABONDANCE	51	259	5,121	189	37.0	170	33.2	359	70.2	120	375
	JERSIAISE	45	334	5,349	268	50.1	200	37.4	468	87.5	88	410
	MONTBELIARDE	377	320	6,671	255	38.3	219	32.9	475	71.2	82	415
Hautes Alpes	ABONDANCE	368	317	4,952	183	36.9	164	33.1	347	70.0	112	433
	TARENDAISE	255	309	4,465	165	37.1	146	32.7	311	69.8	115	434
	CROSSBRED	190	327	5,899	225	38.2	189	32.1	415	70.3	101	427
	MONTBELIARDE	1,103	332	6,332	248	39.2	206	32.5	454	71.7	72	409
	PRIM'HOLSTEIN	422	346	7,875	315	39.9	247	31.4	562	71.4	69	437
Alpes Maritimes	ABONDANCE	93	318	4,957	188	37.9	165	33.2	353	71.1	91	415
Ardèche	ABONDANCE	460	314	6,009	229	38.1	202	33.6	431	71.7	82	410
	CROSSBRED	407	334	6,631	269	40.6	220	33.2	489	73.8	81	410
	MONTBELIARDE	3,837	331	7,141	287	40.3	237	33.2	525	73.5	71	412
	PRIM'HOLSTEIN	838	372	9,688	383	39.6	309	31.9	693	71.5	71	440
Ardennes	JERSIAISE	78	334	5,182	283	54.6	200	38.7	484	93.3	68	405
	CROSSBRED	1,397	325	7,643	308	40.3	249	32.5	557	72.9	68	399
	MONTBELIARDE	353	313	7,131	289	40.6	238	33.3	527	73.9	65	386
	NORMANDE	70	301	5,727	238	41.5	191	33.4	429	74.9	74	375
	PRIM'HOLSTEIN	9,948	346	9,548	380	39.8	309	32.3	688	72.1	67	416

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Ariège	BRUNE	461	364	7,964	336	42.2	280	35.2	617	77.4	71	444
	CROSSBRED	124	357	7,470	297	39.7	239	32.0	536	71.8	77	410
	MONTBELIARDE	247	314	6,119	244	39.8	201	32.9	445	72.7	80	413
	PRIM'HOLSTEIN	1,624	376	9,942	398	40.0	323	32.5	721	72.5	69	442
Aube	JERSIAISE	54	346	6,281	322	51.3	239	38.1	561	89.4	78	418
	BRUNE	300	376	9,103	377	41.4	317	34.8	694	76.2	73	441
	SIMMENTAL	55	394	6,446	280	43.4	225	34.9	504	78.3	76	464
	CROSSBRED	371	356	8,804	350	39.8	289	32.8	639	72.6	71	413
	MONTBELIARDE	295	344	8,765	343	39.1	294	33.5	637	72.7	72	408
	PRIM'HOLSTEIN	5,175	365	9,761	394	40.3	314	32.2	708	72.5	65	427
Aude	BRUNE	55	351	7,143	297	41.6	245	34.3	542	75.9	78	434
	PRIM'HOLSTEIN	183	396	9,491	384	40.4	307	32.3	691	72.8	72	456
Aveyron	ABONDANCE	73	303	4,694	173	36.9	157	33.4	330	70.3	90	384
	AUBRAC	106	216	2,287	91	39.9	79	34.7	171	74.6	164	395
	JERSIAISE	91	355	4,805	248	51.6	175	36.5	423	88.1	97	444
	PIE ROUGE	70	384	9,474	420	44.3	320	33.8	740	78.1	59	458
	BRUNE	2,247	349	7,692	330	42.9	269	35.0	599	77.9	64	414
	SIMMENTAL	2,999	319	6,031	238	39.5	206	34.1	444	73.6	73	396
	CROSSBRED	1,186	327	7,251	294	40.5	236	32.5	530	73.0	64	406
	MONTBELIARDE	3,805	328	6,982	278	39.8	233	33.3	511	73.1	69	401
	NORMANDE	49	303	5,220	222	42.6	181	34.8	404	77.4	65	378
	PRIM'HOLSTEIN	22,054	350	9,118	369	40.5	294	32.3	664	72.8	66	420
Calvados	JERSIAISE	429	356	6,115	368	60.2	251	41.1	619	101.2	58	416
	BRUNE	100	372	7,529	316	42.0	264	35.0	579	77.0	65	426
	CROSSBRED	4,584	334	7,329	300	40.9	241	32.8	540	73.7	71	411
	MONTBELIARDE	788	318	7,113	290	40.8	239	33.6	529	74.4	64	402
	NORMANDE	10,366	339	6,739	284	42.1	236	35.0	520	77.1	72	412
	PRIM'HOLSTEIN	31,656	351	9,534	385	40.4	310	32.5	696	73.0	67	420
Cantal	ABONDANCE	531	307	5,031	189	37.6	168	33.5	358	71.1	87	405
	JERSIAISE	276	311	4,490	241	53.6	169	37.6	409	91.2	81	400
	PIE ROUGE	156	311	6,348	266	41.9	206	32.4	472	74.3	93	413
	BRUNE	1,043	346	6,852	291	42.5	237	34.5	528	77.0	73	426
	SALERS	735	228	2,176	71	32.8	72	33.1	143	65.8	150	372
	SIMMENTAL	992	326	5,336	212	39.7	182	34.1	394	73.8	77	404
	CROSSBRED	3,321	313	6,443	254	39.4	208	32.3	462	71.8	75	400
	MONTBELIARDE	17,103	319	6,739	263	39.0	224	33.2	487	72.3	71	398
	NORMANDE	177	319	5,845	243	41.5	202	34.5	444	76.0	70	397
	PRIM'HOLSTEIN	20,186	342	8,244	330	40.1	265	32.1	595	72.2	70	415

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Charente	JERSIAISE	258	343	5,901	326	55.3	226	38.3	552	93.6	68	420
	CROSSBRED	314	339	7,123	307	43.1	236	33.1	543	76.2	70	419
	MONTBELIARDE	419	342	7,389	298	40.4	247	33.4	546	73.8	72	414
	NORMANDE	529	352	6,281	273	43.4	221	35.2	494	78.7	78	424
	PRIM·HOLSTEIN	3,377	362	9,349	382	40.9	303	32.4	686	73.3	65	430
Charente Maritime	JERSIAISE	44	352	4,399	238	54.2	169	38.3	407	92.5	136	429
	PIE ROUGE	67	368	8,615	364	42.2	298	34.6	662	76.8	67	423
	BRUNE	46	371	4,983	199	39.9	164	32.9	363	72.8	149	431
	CROSSBRED	368	357	8,082	329	40.7	263	32.6	592	73.3	77	441
	MONTBELIARDE	370	343	7,666	310	40.4	258	33.6	567	74.0	67	414
	NORMANDE	277	340	6,794	288	42.3	238	35.0	526	77.4	68	394
	PRIM·HOLSTEIN	6,074	356	9,640	389	40.4	312	32.3	701	72.7	66	422
Cher	JERSIAISE	93	339	5,292	302	57.1	214	40.5	516	97.6	70	404
	CROSSBRED	489	336	7,870	330	41.9	261	33.1	591	75.1	69	414
	MONTBELIARDE	56	318	7,037	298	42.4	229	32.6	528	75.0	62	386
	PRIM·HOLSTEIN	2,514	357	9,186	379	41.2	298	32.4	677	73.7	70	425
Corrèze	BRUNE	47	309	6,426	259	40.3	222	34.5	481	74.8	146	390
	CROSSBRED	260	332	6,744	273	40.5	219	32.4	492	72.9	77	411
	MONTBELIARDE	640	316	6,151	241	39.2	202	32.8	443	72.0	80	402
	PRIM·HOLSTEIN	3,507	355	8,095	325	40.2	260	32.2	586	72.3	74	430
Côte d'Or	ABONDANCE	70	304	5,289	193	36.6	173	32.6	366	69.2	119	441
	BRUNE	2,685	353	8,672	364	42.0	304	35.1	669	77.1	68	423
	SIMMENTAL	1,495	321	7,523	303	40.3	256	34.0	559	74.3	66	394
	CROSSBRED	436	341	7,543	304	40.3	249	33.0	553	73.2	71	415
	MONTBELIARDE	3,861	335	7,853	311	39.6	263	33.5	574	73.1	70	406
	PRIM·HOLSTEIN	3,084	349	8,873	354	39.8	287	32.3	641	72.2	65	419
Côtes d'Armor	JERSIAISE	120	337	4,975	283	56.9	195	39.2	478	96.1	71	390
	PIE ROUGE	1,277	350	8,180	352	43.0	275	33.6	627	76.6	64	409
	BRUNE	378	341	7,536	330	43.8	258	34.3	589	78.1	68	432
	SIMMENTAL	74	346	6,476	266	41.1	215	33.1	481	74.2	64	428
	CROSSBRED	2,924	342	8,295	342	41.3	269	32.4	611	73.7	65	411
	MONTBELIARDE	2,297	327	7,924	322	40.6	262	33.0	584	73.6	64	395
	NORMANDE	6,577	334	7,022	298	42.5	243	34.6	541	77.1	62	403
	PRIM·HOLSTEIN	82,977	347	9,703	393	40.5	311	32.0	703	72.5	64	414
Creuse	CROSSBRED	258	343	6,843	273	39.9	221	32.3	494	72.2	73	431
	MONTBELIARDE	282	352	6,923	279	40.3	232	33.5	511	73.8	64	406
	NORMANDE	127	344	5,058	213	42.1	172	34.0	385	76.1	100	456
	PRIM·HOLSTEIN	2,506	360	8,618	347	40.3	278	32.3	626	72.6	69	426

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Dordogne	BRUNE	74	346	6,679	286	42.8	235	35.2	521	78.0	72	416
	CROSSBRED	530	343	7,852	326	41.5	262	33.3	588	74.9	65	408
	MONTBELIARDE	837	332	7,608	311	40.8	256	33.7	567	74.5	66	405
	NORMANDE	152	346	5,899	242	41.0	200	33.9	442	74.9	77	418
	PRIM'HOLSTEIN	7,136	360	9,532	388	40.7	311	32.6	699	73.3	69	433
Doubs	SIMMENTAL	183	291	6,759	264	39.0	224	33.2	488	72.2	117	395
	CROSSBRED	1,023	316	7,944	312	39.3	258	32.4	570	71.7	75	395
	MONTBELIARDE	79,367	311	7,506	287	38.2	249	33.2	536	71.5	73	396
	PRIM'HOLSTEIN	1,569	345	9,777	386	39.4	317	32.4	702	71.8	78	430
Drôme	CROSSBRED	107	341	7,371	293	39.7	241	32.7	534	72.4	97	425
	MONTBELIARDE	1,666	336	7,456	298	40.0	246	33.0	544	73.0	63	417
	PRIM'HOLSTEIN	884	350	10,405	419	40.2	343	33.0	762	73.2	64	424
Eure	BRUNE	45	336	7,447	329	44.2	268	36.0	598	80.3	67	398
	CROSSBRED	1,264	334	8,094	332	41.0	270	33.3	602	74.4	71	410
	MONTBELIARDE	187	342	8,125	331	40.7	278	34.2	609	74.9	67	410
	NORMANDE	2,765	341	7,036	299	42.5	247	35.1	547	77.7	66	415
	PRIM'HOLSTEIN	9,295	355	9,956	405	40.6	326	32.7	731	73.4	63	419
Eure & Loir	JERSIAISE	140	322	6,452	349	54.0	248	38.4	597	92.5	61	385
	BRUNE	73	326	7,883	350	44.3	276	35.0	625	79.3	76	480
	CROSSBRED	90	344	7,888	322	40.8	265	33.5	586	74.3	69	398
	MONTBELIARDE	70	356	7,680	322	41.9	264	34.3	586	76.3	57	389
	NORMANDE	1,150	351	7,254	313	43.1	256	35.4	569	78.5	69	411
	PRIM'HOLSTEIN	2,971	364	10,236	423	41.4	336	32.9	760	74.2	69	429
Finistère	JERSIAISE	460	331	4,739	276	58.2	186	39.2	461	97.4	69	399
	PIE ROUGE	1,528	341	8,286	354	42.8	278	33.5	632	76.3	62	401
	BRUNE	354	348	7,318	314	42.9	249	34.0	563	76.9	70	427
	SIMMENTAL	45	314	6,177	262	42.5	208	33.7	471	76.2	67	379
	CROSSBRED	3,501	338	7,602	314	41.3	247	32.5	561	73.8	66	407
	MONTBELIARDE	799	322	7,702	314	40.8	254	32.9	568	73.7	65	396
	NORMANDE	2,224	342	6,694	284	42.4	230	34.3	513	76.7	65	410
	PRIM'HOLSTEIN	72,670	348	9,188	370	40.3	293	31.9	663	72.2	65	412
Haute Garonne	ABONDANCE	116	275	3,318	117	35.4	110	33.1	227	68.5	130	445
	BRUNE	99	342	8,487	362	42.6	292	34.4	654	77.0	70	442
	CROSSBRED	208	339	7,866	317	40.3	257	32.7	574	73.0	76	419
	MONTBELIARDE	864	337	7,318	291	39.7	246	33.6	537	73.3	72	421
	PRIM'HOLSTEIN	4,709	364	9,676	385	39.8	312	32.2	697	72.0	71	443
Gers	CROSSBRED	120	305	6,518	257	39.4	213	32.7	470	72.1	78	375
	NORMANDE	46	301	5,040	203	40.3	172	34.1	375	74.4	115	415
	PRIM'HOLSTEIN	898	345	9,000	353	39.3	284	31.6	638	70.9	84	438

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Gironde	CROSSBRED	173	321	7,086	284	40.1	233	32.8	517	73.0	72	431
	MONTBELIARDE	82	317	6,199	252	40.6	206	33.2	457	73.8	84	416
	PRIM'HOLSTEIN	2,504	352	9,402	368	39.1	305	32.4	673	71.6	69	436
Hérault	PRIM'HOLSTEIN	59	441	9,340	363	38.9	295	31.6	658	70.5	85	474
Ille & Vilaine	JERSIAISE	623	345	4,943	268	54.3	191	38.7	460	93.0	73	404
	PIE ROUGE	913	341	7,979	350	43.9	273	34.2	623	78.1	64	403
	BRUNE	305	347	7,876	345	43.8	273	34.7	618	78.5	71	429
	BRETONNE PIE NOIRE	66	275	2,338	99	42.5	80	34.3	180	76.8	125	377
	SIMMENTAL	127	312	5,833	253	43.4	190	32.6	444	76.1	85	395
	CROSSBRED	7,148	340	7,772	322	41.5	256	32.9	578	74.4	64	406
	MONTBELIARDE	5,492	328	7,729	315	40.8	259	33.5	574	74.3	63	399
	NORMANDE	12,794	337	6,987	298	42.7	243	34.8	542	77.5	64	406
	PRIM'HOLSTEIN	133,812	350	9,517	391	41.1	310	32.6	701	73.7	64	415
FROMENT DU LEON	50	244	2,199	94	42.6	73	33.1	166	75.7	127	369	
Indre	CROSSBRED	170	341	8,760	365	41.7	292	33.3	657	74.9	73	435
	MONTBELIARDE	64	339	8,070	328	40.7	272	33.7	600	74.4	62	410
	PRIM'HOLSTEIN	3,202	372	10,115	417	41.2	334	33.0	750	74.2	66	433
Indre & Loire	CROSSBRED	496	344	8,378	350	41.8	274	32.7	625	74.5	67	416
	MONTBELIARDE	532	345	8,551	352	41.2	284	33.2	636	74.4	65	403
	NORMANDE	225	349	7,521	325	43.2	263	34.9	588	78.1	63	401
	PRIM'HOLSTEIN	9,931	353	10,176	419	41.2	333	32.7	752	73.9	63	416
Isère	ABONDANCE	438	312	5,942	220	37.1	196	32.9	416	70.0	84	405
	JERSIAISE	50	367	5,904	312	52.9	223	37.8	535	90.7	71	441
	BRUNE	70	371	7,713	330	42.8	270	35.0	600	77.8	55	428
	TARENTEISE	70	266	4,279	167	38.9	142	33.1	308	72.0	112	398
	SIMMENTAL	362	307	7,201	308	42.7	243	33.7	551	76.5	60	391
	CROSSBRED	1,081	341	8,246	334	40.5	274	33.2	608	73.7	70	411
	MONTBELIARDE	10,936	336	8,343	336	40.3	280	33.5	616	73.8	67	412
	PRIM'HOLSTEIN	4,751	356	9,851	396	40.2	319	32.4	715	72.6	65	431
Jura	JERSIAISE	41	329	4,536	263	57.9	180	39.7	443	97.6	95	406
	SIMMENTAL	1,106	321	6,833	274	40.1	232	34.0	506	74.0	76	406
	CROSSBRED	638	317	7,140	281	39.3	238	33.3	519	72.6	79	410
	MONTBELIARDE	43,273	317	7,507	283	37.7	249	33.1	531	70.8	73	400
	PRIM'HOLSTEIN	618	341	9,791	386	39.4	315	32.2	701	71.6	67	413
Landes	CROSSBRED	107	325	7,451	304	40.7	240	32.2	543	72.9	62	417
	PRIM'HOLSTEIN	3,414	354	9,728	395	40.6	311	32.0	707	72.6	69	430

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Loir & Cher	CROSSBRED	118	325	8,439	357	42.3	282	33.5	640	75.8	64	395
	MONTBELIARDE	141	324	8,688	364	41.9	296	34.1	660	76.0	65	386
	NORMANDE	926	345	7,352	319	43.4	255	34.7	574	78.1	68	408
	PRIM'HOLSTEIN	6,214	354	9,991	412	41.2	326	32.7	738	73.9	63	412
Loire	ABONDANCE	153	308	5,936	226	38.1	201	33.8	427	71.9	88	391
	JERSIAISE	85	341	5,212	295	56.5	204	39.2	499	95.7	69	401
	BRUNE	228	363	7,691	333	43.3	270	35.1	603	78.5	73	431
	SIMMENTAL	269	314	7,784	318	40.9	266	34.1	584	75.0	67	389
	CROSSBRED	1,677	328	7,877	322	40.9	259	32.9	581	73.8	68	405
	MONTBELIARDE	15,292	326	7,939	322	40.6	269	33.8	591	74.4	68	401
	NORMANDE	71	308	6,183	256	41.4	213	34.5	469	75.9	69	397
	PRIM'HOLSTEIN	15,949	351	9,664	391	40.5	313	32.4	704	72.9	67	422
Haute Loire	ABONDANCE	796	323	5,855	224	38.2	200	34.1	424	72.3	89	413
	BRUNE	207	344	6,953	296	42.6	239	34.3	535	76.9	69	439
	TARENTEAISE	124	320	5,694	231	40.7	198	34.9	430	75.5	65	404
	SIMMENTAL	70	295	5,671	242	42.6	195	34.3	437	77.0	73	416
	CROSSBRED	2,307	325	7,350	302	41.2	244	33.2	547	74.4	70	406
	MONTBELIARDE	25,118	325	7,609	309	40.6	257	33.8	566	74.4	70	405
	PRIM'HOLSTEIN	8,772	348	9,107	375	41.1	297	32.6	672	73.8	67	428
Loire Atlantique	JERSIAISE	278	337	4,686	265	56.5	180	38.5	445	95.0	66	397
	PIE ROUGE	314	321	8,362	374	44.7	292	34.9	665	79.5	75	408
	BRUNE	232	365	7,352	318	43.2	248	33.7	566	76.9	71	433
	BRETONNE PIE NOIRE	65	285	2,665	123	46.2	89	33.3	212	79.4	95	417
	SIMMENTAL	329	316	5,845	250	42.8	196	33.6	447	76.4	73	387
	CROSSBRED	2,548	340	7,373	309	41.9	242	32.8	551	74.7	64	407
	MONTBELIARDE	3,064	337	8,015	327	40.8	266	33.2	593	74.0	68	399
	NORMANDE	6,149	334	6,822	290	42.5	236	34.6	526	77.1	66	405
	PRIM'HOLSTEIN	67,993	357	9,696	402	41.4	316	32.6	718	74.0	63	416
Loiret	CROSSBRED	338	334	8,484	345	40.7	276	32.5	622	73.3	66	404
	MONTBELIARDE	222	337	7,926	325	41.0	264	33.3	589	74.4	66	414
	NORMANDE	106	339	6,544	286	43.7	230	35.1	516	78.9	59	396
	PRIM'HOLSTEIN	4,127	365	10,021	410	40.9	326	32.5	736	73.4	65	424
Lot	BRUNE	66	356	7,129	308	43.2	244	34.3	552	77.5	77	427
	CROSSBRED	529	346	7,833	320	40.8	258	32.9	577	73.7	68	420
	MONTBELIARDE	836	340	7,791	314	40.3	260	33.4	574	73.7	70	409
	PRIM'HOLSTEIN	6,224	358	9,248	377	40.8	299	32.3	676	73.1	67	426
Lot & Garonne	JERSIAISE	76	335	5,718	297	51.9	211	36.9	508	88.8	55	388
	CROSSBRED	633	328	7,760	323	41.6	253	32.5	575	74.2	67	405
	MONTBELIARDE	114	332	7,328	294	40.1	245	33.5	539	73.6	69	420
	NORMANDE	159	341	5,910	254	43.0	207	34.9	461	78.0	100	447
	PRIM'HOLSTEIN	4,663	351	9,201	372	40.5	295	32.0	667	72.5	74	436

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Lozère	ABONDANCE	310	287	4,866	183	37.6	162	33.2	345	70.8	86	389
	BRUNE	736	343	7,167	294	41.1	243	33.9	537	74.9	69	426
	SIMMENTAL	561	316	5,805	228	39.3	200	34.4	428	73.7	76	386
	CROSSBRED	121	320	6,401	244	38.2	206	32.2	450	70.3	82	399
	MONTBELIARDE	4,384	316	6,655	258	38.8	220	33.0	478	71.8	75	399
	PRIM'HOLSTEIN	1,008	358	8,507	335	39.4	269	31.6	604	71.1	67	418
Maine & Loire	JERSIAISE	2,283	338	5,455	310	56.8	214	39.2	524	96.0	66	414
	BRUNE	549	371	9,161	413	45.1	327	35.7	740	80.8	59	411
	SIMMENTAL	190	330	6,905	293	42.4	233	33.8	526	76.2	70	398
	CROSSBRED	1,879	356	8,619	372	43.1	289	33.5	661	76.7	65	418
	MONTBELIARDE	3,574	337	7,851	322	41.0	264	33.6	585	74.6	61	399
	NORMANDE	2,848	347	7,072	309	43.6	249	35.2	557	78.8	62	406
	PRIM'HOLSTEIN	46,103	359	10,102	426	42.2	332	32.9	758	75.1	62	414
Manche	JERSIAISE	1,235	330	4,729	278	58.9	187	39.6	465	98.4	62	406
	PIE ROUGE	298	342	8,329	358	43.0	278	33.4	636	76.3	77	414
	BRUNE	323	360	8,039	346	43.1	282	35.1	629	78.2	72	423
	SIMMENTAL	159	319	6,359	279	43.9	220	34.6	499	78.5	71	393
	CROSSBRED	9,308	340	7,915	325	41.1	263	33.2	588	74.3	67	407
	MONTBELIARDE	1,280	341	7,992	324	40.6	270	33.7	594	74.3	66	407
	NORMANDE	37,069	341	7,025	300	42.7	246	35.1	546	77.7	67	410
	PRIM'HOLSTEIN	72,428	351	9,756	393	40.3	318	32.6	711	72.9	65	415
Marne	CROSSBRED	157	327	8,376	330	39.4	272	32.5	602	71.8	64	403
	MONTBELIARDE	42	317	7,938	316	39.8	269	33.9	585	73.7	63	378
	PRIM'HOLSTEIN	3,353	348	10,032	392	39.1	323	32.2	715	71.3	68	412
Haute Marne	JERSIAISE	235	320	5,465	300	54.9	210	38.4	510	93.4	69	396
	BRUNE	644	360	7,979	335	41.9	276	34.6	611	76.5	79	440
	SIMMENTAL	2,144	315	7,369	299	40.5	254	34.5	553	75.0	77	395
	CROSSBRED	1,133	337	8,259	338	41.0	277	33.6	616	74.5	71	405
	MONTBELIARDE	5,747	339	8,442	339	40.1	288	34.2	627	74.3	70	404
	NORMANDE	40	337	6,711	279	41.6	232	34.6	511	76.2	67	396
	PRIM'HOLSTEIN	13,231	353	9,968	396	39.7	326	32.7	721	72.4	69	421
Mayenne	JERSIAISE	885	342	5,583	325	58.3	219	39.3	545	97.6	63	410
	BRUNE	338	359	8,447	368	43.5	294	34.8	662	78.3	65	421
	SIMMENTAL	331	335	7,566	320	42.3	249	33.0	569	75.3	62	414
	CROSSBRED	4,898	347	8,250	348	42.1	276	33.5	624	75.6	62	415
	MONTBELIARDE	5,261	342	8,093	331	40.9	274	33.9	605	74.8	61	404
	NORMANDE	20,464	338	7,202	310	43.0	254	35.2	563	78.2	62	405
	PRIM'HOLSTEIN	72,917	364	9,886	414	41.9	326	32.9	740	74.8	60	422

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Meurthe & Moselle	JERSIAISE	90	372	5,871	304	51.8	218	37.1	522	88.9	96	436
	BRUNE	190	340	8,071	345	42.7	281	34.8	626	77.6	69	408
	SIMMENTAL	53	313	6,655	271	40.8	220	33.1	492	73.9	103	404
	CROSSBRED	1,563	320	7,833	317	40.5	254	32.5	572	73.0	66	398
	MONTBELIARDE	1,112	322	7,219	295	40.8	238	32.9	532	73.7	71	395
	PRIM'HOLSTEIN	18,900	340	9,362	375	40.0	298	31.9	673	71.9	66	413
Meuse	BRUNE	207	335	8,437	360	42.6	289	34.3	649	76.9	70	420
	SIMMENTAL	263	326	8,460	350	41.4	292	34.5	642	75.9	74	401
	CROSSBRED	1,041	323	8,316	338	40.6	274	33.0	612	73.6	69	399
	MONTBELIARDE	738	329	7,779	311	40.0	258	33.2	569	73.2	71	402
	NORMANDE	40	310	6,225	250	40.2	208	33.4	459	73.7	55	383
	PRIM'HOLSTEIN	21,248	339	9,902	393	39.7	320	32.3	713	72.0	68	416
Morbihan	JERSIAISE	126	353	5,808	323	55.6	224	38.5	547	94.1	85	428
	PIE ROUGE	2,438	347	8,605	372	43.2	294	34.2	666	77.4	63	412
	BRUNE	40	359	7,767	332	42.7	265	34.1	597	76.8	68	414
	BRETONNE PIE NOIRE	46	218	2,496	106	42.3	77	30.9	183	73.2	203	397
	SIMMENTAL	192	331	7,827	327	41.8	269	34.4	596	76.2	78	421
	CROSSBRED	2,008	339	8,081	336	41.6	268	33.1	604	74.8	64	402
	MONTBELIARDE	2,447	325	8,007	321	40.1	266	33.3	587	73.3	64	399
	NORMANDE	3,552	339	6,854	292	42.7	237	34.6	530	77.3	65	412
	PRIM'HOLSTEIN	73,691	350	9,789	400	40.9	318	32.4	718	73.3	63	415
Moselle	BRUNE	150	339	8,128	346	42.6	281	34.5	627	77.2	85	417
	SIMMENTAL	127	311	6,842	285	41.6	231	33.7	515	75.3	76	388
	CROSSBRED	2,970	324	8,121	331	40.8	267	32.9	598	73.6	66	398
	MONTBELIARDE	1,349	319	7,213	291	40.4	239	33.1	530	73.5	67	393
	PRIM'HOLSTEIN	23,549	341	9,495	386	40.6	309	32.6	695	73.2	66	414
Nièvre	CROSSBRED	58	311	6,746	275	40.7	215	31.8	489	72.5	66	397
	MONTBELIARDE	78	328	7,593	300	39.6	249	32.8	550	72.4	84	414
	PRIM'HOLSTEIN	674	348	9,839	383	38.9	312	31.7	696	70.7	74	439
Nord	JERSIAISE	66	361	6,177	333	53.9	235	38.1	568	92.0	73	441
	BRUNE	168	354	9,010	394	43.7	320	35.5	714	79.2	55	402
	SIMMENTAL	46	317	6,072	255	42.1	195	32.1	450	74.1	97	439
	CROSSBRED	4,205	332	8,406	338	40.3	273	32.5	611	72.7	68	401
	MONTBELIARDE	1,410	325	8,069	324	40.1	269	33.3	592	73.4	72	396
	BLEUE DU NORD	465	300	4,985	189	37.9	159	31.9	348	69.9	92	385
	NORMANDE	80	336	6,909	287	41.6	234	33.8	521	75.4	69	394
	ROUGE FLAMANDE	430	320	5,977	238	39.9	197	33.0	435	72.8	80	399
	PRIM'HOLSTEIN	37,378	348	10,013	403	40.2	322	32.2	725	72.4	62	408

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Oise	CROSSBRED	629	330	8,757	354	40.4	288	32.8	642	73.3	65	399
	MONTBELIARDE	243	351	8,095	324	40.0	268	33.2	592	73.1	68	415
	NORMANDE	300	327	7,609	322	42.3	271	35.6	592	77.8	63	400
	PRIM'HOLSTEIN	8,149	350	9,638	390	40.5	312	32.4	703	72.9	64	410
Orne	JERSIAISE	267	349	5,960	337	56.5	230	38.6	567	95.1	65	420
	PIE ROUGE	40	345	7,777	337	43.4	265	34.0	602	77.4	74	409
	BRUNE	177	396	7,790	339	43.6	273	35.0	612	78.6	58	437
	CROSSBRED	3,864	349	7,805	325	41.7	261	33.4	586	75.1	63	414
	MONTBELIARDE	701	346	7,836	320	40.8	266	33.9	586	74.8	69	409
	NORMANDE	23,587	342	7,054	304	43.0	249	35.3	552	78.3	65	410
	PRIM'HOLSTEIN	38,661	361	9,971	413	41.4	327	32.8	740	74.2	62	420
Pas de Calais	JERSIAISE	41	347	6,592	359	54.5	254	38.5	613	93.0	82	400
	BRUNE	256	353	8,652	365	42.2	305	35.2	669	77.4	65	423
	CROSSBRED	2,382	343	9,110	361	39.6	296	32.5	656	72.0	64	403
	MONTBELIARDE	732	333	8,291	329	39.7	274	33.0	603	72.7	62	394
	NORMANDE	156	328	6,925	292	42.2	234	33.7	526	75.9	59	399
	ROUGE FLAMANDE	191	297	5,138	204	39.7	164	32.0	368	71.7	80	398
	PRIM'HOLSTEIN	34,357	357	10,182	398	39.1	326	32.1	725	71.2	62	413
Puy de Dôme	ABONDANCE	659	315	5,627	210	37.3	192	34.1	402	71.5	86	401
	JERSIAISE	267	325	5,060	259	51.1	191	37.7	450	88.9	70	396
	BRUNE	425	338	6,974	288	41.4	241	34.6	530	75.9	90	431
	SALERS	229	257	2,843	103	36.4	93	32.6	196	69.0	122	377
	SIMMENTAL	255	315	6,451	256	39.7	218	33.8	474	73.5	71	403
	CROSSBRED	2,865	330	6,938	274	39.5	227	32.7	501	72.3	75	404
	MONTBELIARDE	12,751	328	7,183	283	39.4	240	33.4	523	72.8	73	402
	NORMANDE	247	304	5,324	213	40.0	177	33.2	390	73.3	89	406
	FERRANDAISE	82	244	2,678	99	37.1	86	32.0	185	69.1	151	416
	PRIM'HOLSTEIN	18,030	351	8,413	333	39.6	270	32.1	604	71.7	74	428
Pyrénées Atlantiques	PIE ROUGE	46	349	7,829	332	42.4	256	32.8	588	75.1	61	406
	BRUNE	193	350	7,888	315	40.0	271	34.4	587	74.4	73	439
	CROSSBRED	394	332	8,088	327	40.5	266	32.9	593	73.3	70	405
	MONTBELIARDE	1,013	331	7,964	314	39.5	267	33.5	581	73.0	79	417
	NORMANDE	47	343	5,502	225	40.9	201	36.5	426	77.4	83	389
	PRIM'HOLSTEIN	9,063	355	10,195	403	39.6	328	32.2	732	71.8	67	429
Hautes Pyrénées	BRUNE	99	338	7,005	298	42.5	248	35.3	546	77.9	81	442
	CROSSBRED	105	350	7,864	308	39.2	254	32.3	562	71.5	82	416
	MONTBELIARDE	280	342	7,204	287	39.8	239	33.2	526	73.0	75	414
	PRIM'HOLSTEIN	2,152	351	10,022	394	39.3	326	32.5	720	71.8	64	433
Pyrénées Orientales	MONTBELIARDE	46	300	5,244	232	44.2	166	31.6	397	75.7	135	436
	PRIM'HOLSTEIN	110	345	7,913	308	38.9	258	32.6	566	71.5	104	461

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Bas Rhin	JERSIAISE	164	321	5,490	297	54.1	207	37.8	504	91.8	63	392
	BRUNE	71	340	7,726	326	42.2	263	34.0	589	76.2	86	425
	SIMMENTAL	985	311	7,326	301	41.1	248	33.8	549	74.9	65	394
	CROSSBRED	1,204	329	8,609	352	40.9	284	32.9	636	73.9	64	401
	MONTBELIARDE	1,010	330	8,626	352	40.7	293	33.9	644	74.7	64	408
	VOSGIENNE	107	305	4,170	155	37.2	131	31.4	286	68.6	87	393
	PRIM'HOLSTEIN	19,131	344	10,505	424	40.3	343	32.7	767	73.0	63	415
Haut Rhin	JERSIAISE	74	378	5,364	282	52.6	206	38.5	488	91.0	103	480
	BRUNE	101	341	7,035	295	41.9	239	34.0	534	75.9	76	429
	SIMMENTAL	64	325	6,150	253	41.1	209	33.9	461	75.0	99	425
	CROSSBRED	1,072	330	7,650	312	40.8	252	32.9	564	73.7	68	413
	MONTBELIARDE	3,721	331	8,126	330	40.6	273	33.6	603	74.3	66	402
	VOSGIENNE	586	285	4,405	165	37.6	140	31.8	306	69.4	95	393
	PRIM'HOLSTEIN	6,524	347	9,660	388	40.2	312	32.3	700	72.5	64	422
Rhône	BRUNE	110	345	7,602	324	42.7	263	34.6	587	77.3	102	470
	SIMMENTAL	110	323	6,895	278	40.3	228	33.0	506	73.4	75	393
	CROSSBRED	1,216	327	7,705	313	40.6	253	32.8	566	73.4	70	403
	MONTBELIARDE	11,120	327	7,805	315	40.4	262	33.6	578	74.0	67	402
	PRIM'HOLSTEIN	6,755	353	9,570	390	40.8	310	32.4	700	73.2	66	425
Haute Saône	BRUNE	137	342	7,690	323	42.1	264	34.4	588	76.4	82	462
	SIMMENTAL	71	310	6,084	247	40.6	203	33.4	451	74.1	68	387
	CROSSBRED	1,291	317	7,575	300	39.6	250	33.0	550	72.6	80	408
	MONTBELIARDE	24,399	327	8,156	322	39.5	276	33.8	597	73.2	71	402
	VOSGIENNE	60	305	4,322	164	37.9	140	32.5	304	70.4	100	412
	PRIM'HOLSTEIN	4,649	345	9,520	378	39.7	310	32.6	688	72.3	72	426
Saône & Loire	JERSIAISE	63	372	5,483	328	59.8	218	39.7	546	99.5	82	459
	SIMMENTAL	150	340	8,077	334	41.4	275	34.1	609	75.4	63	396
	CROSSBRED	599	321	7,941	322	40.5	261	32.8	582	73.3	72	398
	MONTBELIARDE	11,671	337	8,336	338	40.5	284	34.1	622	74.6	66	404
	PRIM'HOLSTEIN	2,735	349	9,704	393	40.5	316	32.6	709	73.0	64	417
Sarthe	JERSIAISE	222	325	5,365	302	56.4	209	39.0	512	95.4	71	407
	BRUNE	110	331	7,313	322	44.0	256	35.0	578	79.1	85	472
	SIMMENTAL	83	390	9,454	429	45.4	339	35.8	768	81.2	57	409
	CROSSBRED	1,708	348	7,864	330	42.0	264	33.5	594	75.5	63	412
	MONTBELIARDE	2,150	338	8,216	338	41.2	278	33.8	616	75.0	61	403
	NORMANDE	5,760	341	7,106	310	43.6	252	35.5	562	79.1	63	406
	PRIM'HOLSTEIN	30,913	363	10,002	415	41.5	331	33.1	745	74.5	62	420

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Savoie	ABONDANCE	7,663	300	5,090	184	36.1	167	32.8	351	68.9	104	411
	TARENATAISE	7,431	288	4,451	164	36.8	145	32.6	309	69.4	104	399
	CROSSBRED	566	294	5,192	196	37.7	170	32.8	366	70.6	104	406
	MONTBELIARDE	6,885	326	7,844	301	38.4	264	33.6	565	72.0	71	403
	PRIM·HOLSTEIN	240	354	9,288	353	38.0	299	32.1	652	70.1	95	463
Haute Savoie	ABONDANCE	11,407	306	6,297	228	36.2	210	33.3	438	69.5	87	402
	BRUNE	90	365	6,727	278	41.4	232	34.5	510	75.8	76	446
	TARENATAISE	481	281	4,692	172	36.7	155	33.1	327	69.8	106	410
	SIMMENTAL	130	317	7,236	279	38.6	256	35.3	535	73.9	72	402
	CROSSBRED	432	318	7,606	287	37.7	250	32.9	537	70.6	79	408
	MONTBELIARDE	22,047	321	7,971	301	37.7	266	33.4	567	71.1	73	403
	PRIM·HOLSTEIN	1,594	336	10,243	389	38.0	327	31.9	716	69.9	75	429
Seine Maritime	JERSAISE	102	311	4,757	255	53.6	183	38.4	438	92.0	69	382
	PIE ROUGE	839	339	8,272	355	42.9	283	34.3	638	77.1	69	403
	BRUNE	57	398	9,357	414	44.2	336	35.9	749	80.1	73	428
	CROSSBRED	4,973	344	8,189	334	40.8	271	33.1	605	73.9	64	405
	MONTBELIARDE	1,007	338	8,324	334	40.2	280	33.6	614	73.8	60	399
	NORMANDE	11,176	343	7,196	303	42.2	252	35.1	556	77.2	66	407
	PRIM·HOLSTEIN	26,232	357	9,980	401	40.2	324	32.4	725	72.6	61	417
Seine & Marne	CROSSBRED	99	349	9,286	382	41.2	308	33.1	690	74.3	58	402
	PRIM·HOLSTEIN	2,419	355	10,196	410	40.2	327	32.1	737	72.3	64	415
Yvelines	JERSAISE	68	373	5,590	318	56.9	226	40.4	544	97.4	102	418
	CROSSBRED	58	341	9,119	369	40.5	296	32.4	665	72.9	64	394
	PRIM·HOLSTEIN	1,217	312	10,117	399	39.5	321	31.7	720	71.2	65	396
Deux Sèvres	JERSAISE	367	320	5,668	327	57.7	226	39.9	553	97.5	80	386
	CROSSBRED	465	353	9,481	384	40.5	315	33.2	698	73.6	67	414
	MONTBELIARDE	1,021	339	8,173	319	39.1	274	33.6	594	72.7	71	408
	NORMANDE	501	334	6,506	267	41.1	226	34.7	493	75.8	72	407
	PRIM·HOLSTEIN	17,450	360	10,481	430	41.0	346	33.0	776	74.0	65	416
Somme	JERSAISE	49	347	6,252	336	53.8	242	38.6	578	92.4	68	429
	BRUNE	50	389	8,733	389	44.5	305	34.9	694	79.4	73	440
	CROSSBRED	1,705	338	9,064	366	40.4	297	32.8	663	73.2	67	412
	MONTBELIARDE	603	330	8,396	334	39.8	281	33.4	615	73.2	72	400
	NORMANDE	378	344	7,794	330	42.4	271	34.8	602	77.2	68	410
	PRIM·HOLSTEIN	19,374	348	10,153	402	39.6	328	32.3	730	71.9	65	409

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Tarn	ABONDANCE	69	335	5,339	193	36.2	174	32.6	367	68.8	85	396
	BRUNE	290	369	6,922	298	43.1	237	34.3	536	77.4	65	441
	SIMMENTAL	45	339	5,477	218	39.7	184	33.6	401	73.3	69	435
	CROSSBRED	509	323	7,093	286	40.4	229	32.3	516	72.7	69	416
	MONTBELIARDE	436	343	6,901	276	40.0	226	32.8	503	72.8	69	404
	PRIM'HOLSTEIN	7,363	356	9,212	370	40.2	296	32.1	666	72.3	70	430
Tarn & Garonne	BRUNE	85	390	5,325	247	46.4	190	35.6	437	82.0	55	446
	CROSSBRED	285	338	7,222	314	43.5	235	32.5	549	76.0	75	441
	MONTBELIARDE	219	318	6,652	271	40.8	217	32.6	488	73.4	70	416
	PRIM'HOLSTEIN	2,464	381	8,921	363	40.7	286	32.1	650	72.8	67	448
Vendée	JERSIAISE	404	340	4,960	276	55.6	186	37.5	462	93.1	85	408
	BRUNE	193	366	8,346	373	44.6	295	35.4	668	80.0	56	411
	SIMMENTAL	74	296	6,524	273	41.8	227	34.8	500	76.6	104	401
	CROSSBRED	1,328	352	8,253	347	42.1	272	33.0	619	75.0	64	417
	MONTBELIARDE	2,209	342	8,527	345	40.5	288	33.8	633	74.3	68	404
	NORMANDE	1,549	332	6,901	293	42.5	244	35.4	538	77.9	67	407
	PRIM'HOLSTEIN	43,378	363	10,257	427	41.7	334	32.5	761	74.2	64	416
Vienne	CROSSBRED	327	370	9,459	399	42.2	316	33.4	715	75.6	61	440
	MONTBELIARDE	307	352	7,639	301	39.3	257	33.7	558	73.0	66	415
	NORMANDE	167	344	6,671	289	43.4	230	34.4	519	77.8	68	399
	PRIM'HOLSTEIN	5,062	366	9,985	412	41.2	330	33.0	742	74.3	62	427
Haute Vienne	CROSSBRED	301	337	7,356	303	41.2	240	32.6	543	73.8	72	408
	MONTBELIARDE	291	308	5,899	244	41.3	196	33.3	440	74.6	78	398
	NORMANDE	433	328	5,769	250	43.4	200	34.7	450	78.0	73	403
	PRIM'HOLSTEIN	3,083	354	9,290	375	40.4	301	32.4	676	72.8	74	437
Vosges	JERSIAISE	91	302	4,803	262	54.6	179	37.3	442	92.0	90	390
	AYRSHIRE	88	315	7,281	358	49.2	228	31.3	586	80.6	75	415
	BRUNE	188	347	7,326	307	41.9	248	33.8	555	75.7	90	422
	SIMMENTAL	562	310	7,179	297	41.4	243	33.8	540	75.2	67	393
	CROSSBRED	2,587	328	7,803	317	40.7	254	32.5	571	73.2	72	407
	MONTBELIARDE	9,043	330	7,746	311	40.2	259	33.4	570	73.5	70	404
	NORMANDE	74	324	7,096	297	41.9	241	34.0	538	75.9	92	412
	VOSGIENNE	452	289	3,880	145	37.5	123	31.6	268	69.1	102	405
PRIM'HOLSTEIN	25,646	344	9,203	369	40.1	298	32.3	667	72.5	68	420	
Yonne	BRUNE	126	361	7,391	315	42.6	249	33.7	564	76.3	63	427
	CROSSBRED	558	353	8,625	356	41.2	285	33.1	641	74.3	73	421
	MONTBELIARDE	680	346	8,014	324	40.4	269	33.6	593	74.0	70	417
	NORMANDE	67	337	6,954	299	43.0	244	35.1	543	78.1	72	390
	PRIM'HOLSTEIN	6,469	376	10,295	420	40.8	334	32.4	753	73.2	65	431

¹Only the breeds with more than 40 results are listed here.



Complete lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of Lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Drying off duration days	Calving interval days
Territoire de Belfort	CROSSBRED	161	317	7,295	300	41.1	241	33.1	541	74.1	70	433
	MONTBELIARDE	2,084	336	8,632	348	40.3	293	33.9	640	74.2	67	409
	PRIM'HOLSTEIN	1,346	340	9,488	383	40.4	310	32.6	693	73.0	64	418
Val d'Oise	PRIM'HOLSTEIN	187	349	9,269	365	39.4	300	32.3	665	71.7	61	406
Réunion	BRUNE	145	368	7,400	307	41.5	264	35.7	572	77.3	99	488
	CROSSBRED	347	334	7,356	285	38.8	244	33.1	529	71.9	77	417
	MONTBELIARDE	117	337	7,426	285	38.4	245	33.1	531	71.5	72	423
	PRIM'HOLSTEIN	1,665	371	8,604	328	38.1	278	32.3	606	70.4	74	449

¹Only the breeds with more than 40 results are listed here.



3.4 - Complete lactations - all breeds - first lactations

Local area ¹	Number of lactations	lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Ain	9,827	342	8,006	323	40.4	270	33.7	593	74.1	32
Aisne	6,377	350	8,752	350	40.0	287	32.8	637	72.8	29
Allier	1,323	369	8,564	349	40.7	284	33.2	633	73.9	31
Alpes Hte Provence	165	298	5,365	209	38.9	179	33.3	388	72.3	37
Hautes Alpes	703	325	5,525	215	38.9	180	32.5	395	71.5	37
Ardèche	1,399	346	7,005	280	39.9	233	33.2	512	73.1	34
Ardennes	4,030	346	8,350	334	40.0	273	32.7	607	72.7	32
Ariège	788	374	8,598	347	40.4	285	33.2	632	73.5	32
Aube	2,265	367	8,766	353	40.3	287	32.7	640	73.0	32
Aude	77	417	8,709	359	41.2	289	33.2	648	74.4	33
Aveyron	10,015	348	7,699	312	40.5	253	32.9	566	73.5	30
Calvados	16,865	352	7,996	326	40.7	266	33.2	591	74.0	32
Cantal	12,480	333	6,712	266	39.7	220	32.8	487	72.5	33
Charente	1,588	360	7,706	320	41.5	256	33.2	575	74.7	30
Charente Maritime	2,512	358	8,523	343	40.3	279	32.8	623	73.1	30
Cher	1,128	364	8,315	343	41.2	274	33.0	617	74.2	31
Corrèze	1,284	347	7,037	281	39.9	228	32.3	508	72.3	33
Côte d'Or	3,854	343	7,428	301	40.5	251	33.8	551	74.2	33
Côtes d'Armor	32,363	344	8,206	330	40.2	265	32.3	595	72.5	28
Creuse	1,025	357	7,326	293	40.0	239	32.6	531	72.5	32
Dordogne	2,643	362	8,569	347	40.5	283	33.1	630	73.5	32
Doubs	24,889	316	6,756	260	38.5	226	33.5	486	72.0	33
Drôme	805	352	8,329	334	40.1	278	33.4	612	73.5	32
Eure	4,916	354	8,282	340	41.0	278	33.5	618	74.6	32
Eure & Loir	1,642	360	8,395	352	42.0	284	33.8	637	75.8	30
Finistère	26,119	346	7,821	314	40.2	251	32.0	565	72.2	28
Haute Garonne	1,965	359	8,426	337	40.0	276	32.8	613	72.8	31
Gers	362	344	7,660	302	39.4	247	32.2	549	71.6	31
Gironde	843	364	8,798	344	39.1	289	32.8	633	71.9	30
Ille & Vilaine	55,507	349	8,130	333	41.0	267	32.8	600	73.8	28
Indre	1,280	377	9,118	374	41.0	303	33.3	677	74.3	29
Indre & Loire	3,832	352	8,958	368	41.0	296	33.0	663	74.1	29
Isère	5,774	348	7,948	321	40.3	267	33.6	587	73.9	33
Jura	14,040	320	6,794	258	37.9	227	33.4	485	71.3	34
Landes	1,190	350	8,589	348	40.5	278	32.3	625	72.8	28
Loir & Cher	2,633	352	8,625	354	41.0	284	33.0	638	74.0	29
Loire	10,695	344	7,983	323	40.5	264	33.1	587	73.6	30
Haute Loire	10,853	340	7,375	301	40.8	248	33.6	549	74.4	31
Loire Atlantique	27,803	350	8,150	337	41.3	268	32.9	605	74.2	29
Loiret	1,849	367	8,899	364	40.9	292	32.8	656	73.8	31
Lot	2,408	361	8,304	339	40.8	272	32.7	610	73.5	31
Lot & Garonne	1,779	360	8,565	348	40.6	279	32.6	627	73.2	30
Lozère	1,888	329	6,216	243	39.1	206	33.2	449	72.3	33
Maine & Loire	20,559	354	8,496	359	42.2	283	33.3	642	75.6	29
Manche	43,219	351	7,996	327	40.9	267	33.4	594	74.3	30
Marne	1,271	352	9,005	352	39.1	294	32.7	647	71.8	30
Haute Marne	7,983	350	8,403	336	40.0	283	33.7	619	73.7	32

¹Only the local areas which count up more than 40 results are listed here.



Complete lactations - all breeds - first lactations (cont.)

Local area ¹	Number of lactations	lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Mayenne	39,032	358	8,234	343	41.6	275	33.4	617	75.0	29
Meurthe & Moselle	7,461	339	8,265	331	40.1	266	32.2	598	72.3	32
Meuse	8,285	340	8,759	349	39.8	287	32.8	636	72.6	30
Morbihan	27,368	347	8,288	337	40.6	271	32.6	607	73.3	28
Moselle	9,835	342	8,423	342	40.6	278	33.0	619	73.5	31
Nièvre	283	348	8,622	333	38.6	274	31.8	607	70.4	33
Nord	16,937	350	8,890	357	40.2	288	32.4	646	72.6	28
Oise	3,500	351	8,674	351	40.5	284	32.8	635	73.3	30
Orne	24,145	357	7,996	334	41.8	270	33.8	605	75.6	31
Pas de Calais	14,857	359	9,230	361	39.1	298	32.3	659	71.4	30
Puy de Dôme	10,769	346	7,232	286	39.5	237	32.8	523	72.3	33
Pyrénées Atlantiques	3,565	355	9,106	360	39.5	298	32.7	658	72.2	29
Hautes Pyrénées	848	351	9,010	351	39.0	297	33.0	649	72.0	30
Pyrénées Orientales	62	318	5,858	234	39.9	191	32.6	424	72.4	35
Bas Rhin	7,971	350	9,343	377	40.4	310	33.2	688	73.6	30
Haut Rhin	3,891	344	8,053	325	40.3	266	33.1	591	73.4	32
Rhône	5,598	342	7,711	312	40.5	256	33.2	568	73.7	32
Haute Saône	9,629	335	7,565	299	39.6	256	33.8	556	73.4	34
Saône & Loire	5,011	347	7,954	323	40.7	271	34.0	594	74.7	33
Sarthe	15,537	359	8,544	355	41.5	287	33.6	642	75.1	31
Savoie	6,120	313	5,314	201	37.8	177	33.4	378	71.2	36
Haute Savoie	10,208	321	6,794	256	37.6	229	33.7	485	71.3	34
Seine Maritime	16,405	359	8,335	338	40.6	278	33.4	616	73.9	31
Seine & Marne	871	360	9,222	370	40.1	300	32.5	670	72.6	29
Yvelines	529	330	9,293	378	40.7	305	32.8	683	73.5	26
Deux Sèvres	6,903	361	9,242	379	41.0	309	33.4	688	74.4	29
Somme	8,812	355	9,270	368	39.7	303	32.7	671	72.3	29
Tarn	2,745	359	8,150	327	40.2	265	32.6	593	72.7	30
Tarn & Garonne	979	374	7,832	322	41.1	254	32.5	576	73.5	32
Vendée	18,324	361	9,032	375	41.5	297	32.9	672	74.4	28
Vienne	1,998	374	9,032	373	41.3	302	33.4	675	74.7	28
Haute Vienne	1,361	351	7,862	319	40.6	259	33.0	578	73.5	32
Vosges	13,158	343	8,009	321	40.1	263	32.9	585	73.0	34
Yonne	2,824	378	9,242	378	40.9	304	32.9	681	73.7	31
Territoire de Belfort	1,171	344	8,324	337	40.5	281	33.7	618	74.3	32
Val d'Oise	75	351	8,173	328	40.2	266	32.6	595	72.8	28
Réunion	680	384	8,159	312	38.3	270	33.1	583	71.4	31

¹Only the local areas which count up more than 40 results are listed here.



3.5 - Complete lactations - first lactations per local area and breed

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Ain	BRUNE	61	352	7,665	316	41.2	267	34.8	582	76.0	31
	SIMMENTAL	197	318	5,867	234	39.9	201	34.3	435	74.1	36
	CROSSBRED	669	338	7,681	314	40.8	256	33.3	570	74.2	33
	MONTBELIARDE	6,468	339	7,604	306	40.3	260	34.2	566	74.5	33
	PRIM'HOLSTEIN	2,369	353	9,477	383	40.4	311	32.8	694	73.2	29
Aisne	CROSSBRED	575	336	7,744	316	40.9	254	32.9	571	73.7	29
	MONTBELIARDE	183	332	6,922	283	40.8	235	34.0	518	74.8	33
	NORMANDE	130	363	5,922	247	41.8	202	34.1	449	75.8	35
	PRIM'HOLSTEIN	5,426	351	9,005	359	39.9	294	32.7	653	72.5	29
Allier	CROSSBRED	55	399	7,705	312	40.4	252	32.7	563	73.1	32
	MONTBELIARDE	127	365	6,822	281	41.2	238	35.0	519	76.1	37
	NORMANDE	66	346	6,869	295	42.9	239	34.8	534	77.7	32
	PRIM'HOLSTEIN	1,048	369	8,984	364	40.5	296	33.0	661	73.5	30
Alpes Hte Provence	MONTBELIARDE	108	313	5,842	224	38.3	193	33.0	417	71.3	37
Hautes Alpes	ABONDANCE	94	312	4,153	151	36.4	138	33.3	289	69.7	40
	TARENDAISE	82	308	3,877	148	38.2	130	33.6	278	71.8	38
	CROSSBRED	51	306	5,121	194	37.8	164	32.0	357	69.8	38
	MONTBELIARDE	321	333	5,854	229	39.1	191	32.7	420	71.8	38
	PRIM'HOLSTEIN	146	330	6,724	268	39.8	214	31.8	481	71.6	34
Ardèche	ABONDANCE	95	322	5,404	205	37.9	182	33.6	387	71.6	36
	CROSSBRED	122	339	6,182	251	40.6	206	33.3	456	73.8	35
	MONTBELIARDE	894	340	6,713	270	40.2	225	33.5	494	73.7	34
	PRIM'HOLSTEIN	266	375	9,013	354	39.3	293	32.5	647	71.8	31
Ardennes	CROSSBRED	444	325	6,951	279	40.2	227	32.7	507	72.9	34
	MONTBELIARDE	113	330	6,859	279	40.7	227	33.1	506	73.8	36
	PRIM'HOLSTEIN	3,410	349	8,632	344	39.8	282	32.7	626	72.5	32
Ariège	BRUNE	122	375	7,669	324	42.2	271	35.3	594	77.5	31
	CROSSBRED	41	367	7,135	282	39.5	229	32.1	511	71.6	35
	MONTBELIARDE	66	316	5,589	222	39.8	183	32.7	405	72.4	37
	PRIM'HOLSTEIN	536	384	9,456	378	40.0	310	32.8	688	72.8	31
Aube	BRUNE	110	382	8,216	341	41.5	289	35.2	630	76.7	33
	CROSSBRED	121	373	8,409	333	39.6	278	33.0	611	72.6	34
	MONTBELIARDE	110	325	7,293	287	39.4	246	33.7	533	73.1	34
	PRIM'HOLSTEIN	1,877	368	8,981	361	40.2	291	32.4	653	72.7	32
Aude	PRIM'HOLSTEIN	45	429	9,484	385	40.6	310	32.7	696	73.4	34

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Aveyron	BRUNE	654	352	7,048	303	42.9	246	34.9	549	77.8	30
	SIMMENTAL	786	326	5,538	221	39.9	189	34.1	410	74.0	34
	CROSSBRED	393	330	6,528	266	40.7	213	32.6	479	73.3	31
	MONTBELIARDE	897	337	6,567	262	39.8	220	33.6	482	73.4	33
	PRIM'HOLSTEIN	7,150	353	8,271	334	40.4	270	32.6	604	73.0	29
Calvados	JERSIAISE	120	352	5,237	306	58.4	207	39.6	513	98.0	26
	BRUNE	43	358	6,810	281	41.3	235	34.6	517	75.9	34
	CROSSBRED	1,684	343	6,828	278	40.8	225	32.9	503	73.7	32
	MONTBELIARDE	215	340	6,973	285	40.9	236	33.8	521	74.7	35
	NORMANDE	3,503	348	6,378	270	42.3	223	35.0	493	77.3	34
	PRIM'HOLSTEIN	11,279	355	8,730	351	40.2	286	32.8	638	73.0	31
Cantal	ABONDANCE	95	300	4,278	162	37.9	142	33.1	304	71.0	36
	JERSIAISE	94	321	4,097	214	52.2	149	36.5	363	88.7	26
	PIE ROUGE	44	314	5,318	221	41.5	174	32.7	395	74.3	32
	BRUNE	324	352	6,305	267	42.3	217	34.4	484	76.7	32
	SALERS	143	235	1,938	67	34.8	65	33.4	132	68.3	37
	SIMMENTAL	261	327	4,976	201	40.4	172	34.5	373	74.9	36
	CROSSBRED	891	314	5,852	231	39.4	190	32.5	421	71.9	33
	MONTBELIARDE	4,360	327	6,317	247	39.0	212	33.5	458	72.5	34
	NORMANDE	53	313	5,216	213	40.9	178	34.1	391	75.0	33
	PRIM'HOLSTEIN	6,203	343	7,426	296	39.9	240	32.3	536	72.2	31
Charente	JERSIAISE	87	355	5,374	298	55.5	207	38.5	506	94.1	28
	CROSSBRED	105	333	6,094	262	43.0	202	33.2	464	76.2	30
	MONTBELIARDE	121	352	6,770	275	40.6	229	33.8	504	74.4	33
	NORMANDE	164	357	5,904	259	43.9	208	35.3	468	79.2	34
	PRIM'HOLSTEIN	1,100	364	8,432	341	40.5	275	32.6	616	73.1	29
Charente Maritime	CROSSBRED	118	359	7,485	304	40.6	245	32.7	549	73.3	32
	MONTBELIARDE	100	335	6,612	266	40.2	221	33.5	487	73.7	32
	NORMANDE	82	341	6,491	273	42.1	225	34.7	498	76.8	31
	PRIM'HOLSTEIN	2,159	360	8,825	354	40.1	288	32.7	642	72.8	30
Cher	CROSSBRED	169	352	7,522	311	41.4	248	33.0	560	74.4	33
	PRIM'HOLSTEIN	891	370	8,702	357	41.0	286	32.9	642	73.8	31
Corrèze	CROSSBRED	68	341	6,281	259	41.2	207	33.0	466	74.1	34
	MONTBELIARDE	151	332	6,106	241	39.5	201	32.9	442	72.4	35
	PRIM'HOLSTEIN	1,028	352	7,320	291	39.8	236	32.2	527	72.0	32
Côte d'Or	BRUNE	902	354	7,683	324	42.2	270	35.1	594	77.2	32
	SIMMENTAL	446	318	6,656	270	40.5	227	34.1	497	74.7	35
	CROSSBRED	140	346	7,010	282	40.2	232	33.1	514	73.3	33
	MONTBELIARDE	1,208	337	7,041	281	39.9	239	33.9	519	73.7	34
	PRIM'HOLSTEIN	1,141	352	8,040	320	39.7	262	32.6	582	72.4	32

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Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Côtes d'Armor	JERSAISE	44	338	4,904	281	57.2	191	38.9	471	96.1	26
	PIE ROUGE	382	354	7,110	306	43.0	241	33.9	547	76.9	29
	BRUNE	130	348	6,585	285	43.3	227	34.5	512	77.8	29
	CROSSBRED	1,097	347	7,464	306	41.0	242	32.4	548	73.4	29
	MONTBELIARDE	661	334	6,977	283	40.5	231	33.1	513	73.6	30
	NORMANDE	2,210	342	6,382	270	42.4	220	34.4	490	76.8	30
	PRIM·HOLSTEIN	27,805	344	8,441	338	40.0	271	32.1	608	72.1	28
Creuse	CROSSBRED	84	344	5,966	237	39.8	195	32.8	433	72.6	35
	MONTBELIARDE	83	374	6,437	259	40.3	216	33.6	476	73.9	38
	NORMANDE	46	326	4,481	184	41.2	149	33.2	333	74.3	35
	PRIM·HOLSTEIN	809	359	7,733	309	39.9	251	32.4	559	72.3	31
Dordogne	CROSSBRED	178	352	7,691	316	41.1	255	33.1	571	74.3	34
	MONTBELIARDE	201	333	6,886	280	40.7	232	33.6	512	74.3	35
	NORMANDE	46	349	5,512	223	40.5	187	33.9	410	74.4	31
	PRIM·HOLSTEIN	2,190	366	8,887	359	40.4	293	33.0	652	73.3	31
Doubs	SIMMENTAL	60	283	5,842	230	39.5	195	33.3	425	72.8	33
	CROSSBRED	359	320	6,979	276	39.5	229	32.8	505	72.3	33
	MONTBELIARDE	23,843	315	6,703	257	38.4	225	33.5	482	71.9	33
	PRIM·HOLSTEIN	597	348	8,836	351	39.7	291	33.0	643	72.7	31
Drôme	MONTBELIARDE	417	350	7,290	291	39.9	243	33.4	535	73.3	34
	PRIM·HOLSTEIN	350	354	9,739	391	40.2	325	33.4	716	73.6	29
Eure	CROSSBRED	440	325	6,915	283	40.9	232	33.6	515	74.5	33
	MONTBELIARDE	74	353	7,642	312	40.8	261	34.1	573	74.9	32
	NORMANDE	1,018	348	6,600	283	42.8	233	35.3	516	78.1	34
	PRIM·HOLSTEIN	3,346	360	9,002	365	40.6	298	33.1	663	73.7	31
Eure & Loir	NORMANDE	415	359	6,868	297	43.2	244	35.6	541	78.8	32
	PRIM·HOLSTEIN	1,104	361	9,164	380	41.4	304	33.2	684	74.6	30
Finistère	JERSAISE	127	335	4,109	232	56.4	157	38.3	389	94.6	25
	PIE ROUGE	499	345	7,311	312	42.7	245	33.5	557	76.2	28
	BRUNE	119	355	6,797	291	42.8	230	33.9	521	76.7	29
	CROSSBRED	1,228	344	6,767	280	41.3	220	32.5	499	73.8	28
	MONTBELIARDE	188	324	6,552	266	40.6	214	32.7	480	73.3	30
	NORMANDE	738	349	6,063	258	42.6	208	34.2	466	76.8	30
	PRIM·HOLSTEIN	23,200	347	7,980	319	40.0	255	31.9	573	71.8	28
Haute Garonne	CROSSBRED	69	340	7,827	315	40.3	261	33.4	576	73.6	32
	MONTBELIARDE	245	343	6,695	266	39.8	227	33.9	493	73.6	34
	PRIM·HOLSTEIN	1,573	365	8,865	354	39.9	289	32.6	643	72.5	30

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Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Gers	CROSSBRED	60	308	5,907	235	39.8	193	32.6	428	72.4	29
	PRIM·HOLSTEIN	276	351	8,200	321	39.1	262	32.0	583	71.1	31
Gironde	CROSSBRED	59	323	6,298	253	40.1	208	33.1	461	73.2	32
	PRIM·HOLSTEIN	745	369	9,133	356	39.0	299	32.8	656	71.8	30
Ille & Vilaine	JERSIAISE	202	347	4,658	251	54.0	177	38.1	429	92.0	27
	PIE ROUGE	328	353	7,151	311	43.5	245	34.3	556	77.8	28
	BRUNE	108	344	7,065	306	43.3	241	34.2	547	77.4	29
	CROSSBRED	2,506	344	6,875	286	41.6	225	32.7	511	74.3	29
	MONTBELIARDE	1,638	333	6,849	278	40.6	229	33.5	508	74.1	30
	NORMANDE	4,217	349	6,493	277	42.7	225	34.7	502	77.4	30
	PRIM·HOLSTEIN	46,440	350	8,423	344	40.8	275	32.6	618	73.4	27
Indre	CROSSBRED	48	380	8,667	359	41.5	290	33.4	649	74.9	30
	PRIM·HOLSTEIN	1,184	379	9,272	380	40.9	308	33.2	687	74.1	29
Indre & Loire	CROSSBRED	159	329	7,000	293	41.9	229	32.7	522	74.5	32
	MONTBELIARDE	139	373	7,949	330	41.6	267	33.6	598	75.2	32
	NORMANDE	81	363	7,131	312	43.7	248	34.8	560	78.5	31
	PRIM·HOLSTEIN	3,427	352	9,156	375	40.9	302	33.0	676	73.9	29
Isère	ABONDANCE	121	308	5,124	192	37.4	171	33.4	363	70.8	37
	SIMMENTAL	105	300	6,426	272	42.3	217	33.8	489	76.1	35
	CROSSBRED	381	355	7,884	320	40.5	266	33.8	586	74.3	33
	MONTBELIARDE	3,404	343	7,668	310	40.4	260	33.9	570	74.3	34
	PRIM·HOLSTEIN	1,696	361	8,931	358	40.1	293	32.8	651	72.9	30
Jura	SIMMENTAL	360	328	6,315	255	40.3	216	34.3	471	74.6	36
	CROSSBRED	212	308	6,235	246	39.5	209	33.4	455	72.9	34
	MONTBELIARDE	13,216	319	6,778	256	37.8	226	33.4	482	71.2	35
	PRIM·HOLSTEIN	223	353	9,161	363	39.6	300	32.8	663	72.4	30
Landes	CROSSBRED	42	333	6,827	278	40.8	217	31.8	496	72.6	30
	PRIM·HOLSTEIN	1,131	351	8,669	350	40.4	280	32.3	631	72.7	28
Loir & Cher	CROSSBRED	43	327	7,850	328	41.8	261	33.2	589	75.1	28
	MONTBELIARDE	43	334	7,770	323	41.6	266	34.2	589	75.8	29
	NORMANDE	334	343	6,642	286	43.1	229	34.5	515	77.6	31
	PRIM·HOLSTEIN	2,195	354	8,973	366	40.8	294	32.8	660	73.5	29
Loire	BRUNE	75	354	6,887	291	42.3	238	34.6	529	76.9	32
	SIMMENTAL	91	316	6,886	285	41.4	237	34.4	521	75.7	31
	CROSSBRED	566	328	7,029	286	40.7	231	32.8	517	73.6	31
	MONTBELIARDE	4,416	334	7,217	294	40.7	245	34.0	539	74.7	31
	PRIM·HOLSTEIN	5,455	355	8,789	354	40.2	285	32.4	639	72.7	29

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Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Haute Loire	ABONDANCE	173	315	4,998	189	37.9	169	33.9	359	71.7	36
	BRUNE	71	360	6,927	290	41.9	237	34.2	527	76.1	32
	TARENTEISE	46	327	5,392	220	40.8	188	35.0	408	75.7	36
	CROSSBRED	734	339	6,980	290	41.5	233	33.3	523	74.9	32
	MONTBELIARDE	6,791	335	7,072	288	40.7	240	34.0	528	74.6	31
	PRIM'HOLSTEIN	2,995	352	8,369	343	41.0	275	32.8	618	73.9	30
Loire Atlantique	JERSIAISE	109	325	4,068	227	55.9	154	37.7	381	93.6	28
	PIE ROUGE	106	315	7,110	319	44.9	253	35.6	572	80.4	30
	BRUNE	77	387	6,617	281	42.5	224	33.9	506	76.4	33
	SIMMENTAL	84	326	5,276	224	42.5	178	33.8	403	76.4	33
	CROSSBRED	1,023	340	6,611	276	41.7	218	32.9	494	74.7	30
	MONTBELIARDE	927	340	7,117	291	40.9	237	33.3	528	74.2	31
	NORMANDE	2,196	340	6,344	269	42.4	219	34.5	488	76.9	32
	PRIM'HOLSTEIN	23,254	352	8,475	349	41.2	278	32.8	627	73.9	29
Loiret	CROSSBRED	123	343	7,658	313	40.8	251	32.7	564	73.6	32
	MONTBELIARDE	74	338	7,268	297	40.9	244	33.5	541	74.4	33
	PRIM'HOLSTEIN	1,606	371	9,153	374	40.9	300	32.8	674	73.6	31
Lot	CROSSBRED	150	350	7,288	296	40.6	240	32.9	536	73.5	34
	MONTBELIARDE	208	359	7,373	298	40.4	248	33.7	546	74.1	32
	PRIM'HOLSTEIN	2,017	362	8,515	347	40.8	278	32.6	625	73.4	30
Lot & Garonne	CROSSBRED	175	316	6,834	281	41.2	221	32.4	502	73.5	30
	NORMANDE	47	358	6,088	262	43.1	211	34.6	473	77.7	33
	PRIM'HOLSTEIN	1,487	366	8,969	362	40.4	292	32.5	654	72.9	30
Lozère	ABONDANCE	67	271	3,955	153	38.7	132	33.4	285	72.2	33
	BRUNE	236	350	6,546	266	40.6	221	33.7	486	74.3	31
	SIMMENTAL	162	308	5,102	200	39.3	174	34.2	375	73.5	35
	MONTBELIARDE	1,097	326	6,086	236	38.7	203	33.3	438	72.0	33
	PRIM'HOLSTEIN	285	350	7,750	303	39.0	248	32.0	551	71.1	30
Maine & Loire	JERSIAISE	713	336	4,747	265	55.9	184	38.8	450	94.7	26
	BRUNE	171	352	7,739	343	44.4	274	35.3	617	79.7	28
	SIMMENTAL	47	313	5,415	232	42.8	183	33.7	414	76.5	33
	CROSSBRED	682	363	7,835	336	42.9	263	33.5	598	76.4	30
	MONTBELIARDE	1,094	339	6,953	284	40.8	234	33.7	518	74.4	32
	NORMANDE	1,027	358	6,681	291	43.5	234	35.1	525	78.6	31
	PRIM'HOLSTEIN	16,817	355	8,910	373	41.9	295	33.1	668	75.0	28

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Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Manche	JERISIAISE	330	328	4,180	239	57.1	161	38.5	399	95.6	27
	PIE ROUGE	101	344	7,375	317	43.0	247	33.5	564	76.5	30
	BRUNE	99	357	7,429	317	42.7	260	35.0	577	77.7	31
	SIMMENTAL	51	310	5,799	256	44.2	199	34.3	455	78.5	34
	CROSSBRED	3,188	348	7,288	300	41.1	244	33.4	543	74.6	31
	MONTBELIARDE	395	350	7,418	300	40.4	251	33.9	551	74.3	32
	NORMANDE	12,848	353	6,632	284	42.9	233	35.1	517	78.0	32
	PRIM'HOLSTEIN	26,204	352	8,816	353	40.1	289	32.8	642	72.8	29
Marne	CROSSBRED	61	329	7,607	296	38.9	246	32.3	542	71.3	32
	PRIM'HOLSTEIN	1,177	353	9,130	357	39.1	298	32.7	655	71.7	30
Haute Marne	JERISIAISE	69	334	4,644	258	55.5	178	38.4	436	93.9	25
	BRUNE	209	372	7,170	297	41.4	250	34.8	546	76.2	34
	SIMMENTAL	653	315	6,464	264	40.8	225	34.9	489	75.6	35
	CROSSBRED	407	340	7,628	315	41.2	259	33.9	573	75.2	32
	MONTBELIARDE	1,804	350	7,836	314	40.1	271	34.5	585	74.7	35
	PRIM'HOLSTEIN	4,819	356	9,064	359	39.6	301	33.2	660	72.8	31
Mayenne	JERISIAISE	266	335	4,758	271	57.1	183	38.5	455	95.6	26
	BRUNE	136	364	7,734	331	42.8	268	34.6	599	77.4	30
	SIMMENTAL	77	343	7,223	302	41.9	238	32.9	540	74.8	32
	CROSSBRED	1,772	348	7,398	309	41.8	248	33.5	557	75.3	30
	MONTBELIARDE	1,748	346	7,315	299	40.9	248	33.9	547	74.8	31
	NORMANDE	7,698	344	6,662	286	42.9	234	35.1	520	78.0	31
	PRIM'HOLSTEIN	27,308	363	8,832	365	41.3	291	32.9	655	74.2	28
Meurthe & Moselle	BRUNE	63	343	7,428	314	42.3	258	34.7	572	77.0	32
	CROSSBRED	601	322	7,067	285	40.3	229	32.4	514	72.8	33
	MONTBELIARDE	311	327	6,808	280	41.1	225	33.1	505	74.2	35
	PRIM'HOLSTEIN	6,420	342	8,484	339	39.9	273	32.1	612	72.1	31
Meuse	BRUNE	85	345	7,856	340	43.3	273	34.7	613	78.1	30
	SIMMENTAL	75	322	7,430	319	43.0	259	34.8	578	77.8	36
	CROSSBRED	377	323	7,431	304	40.9	247	33.2	550	74.1	32
	MONTBELIARDE	214	339	7,116	287	40.3	237	33.3	524	73.6	35
	PRIM'HOLSTEIN	7,498	341	8,909	353	39.7	292	32.7	645	72.4	30
Morbihan	JERISIAISE	45	334	5,430	293	53.9	205	37.8	498	91.7	26
	PIE ROUGE	733	340	7,160	308	43.0	246	34.3	553	77.3	29
	SIMMENTAL	61	334	7,000	296	42.3	243	34.7	539	77.0	30
	CROSSBRED	675	343	7,049	292	41.4	234	33.1	525	74.5	29
	MONTBELIARDE	685	331	7,132	287	40.2	237	33.3	524	73.5	31
	NORMANDE	1,068	346	6,259	266	42.5	215	34.4	481	76.9	31
	PRIM'HOLSTEIN	24,072	348	8,493	344	40.5	276	32.5	620	73.0	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Moselle	BRUNE	59	332	7,412	316	42.6	258	34.8	574	77.5	33
	CROSSBRED	948	332	7,522	308	41.0	249	33.1	557	74.1	33
	MONTBELIARDE	411	327	6,780	277	40.8	226	33.4	503	74.2	36
	PRIM'HOLSTEIN	8,351	344	8,635	350	40.5	284	32.9	634	73.4	31
Nièvre	PRIM'HOLSTEIN	244	350	8,909	342	38.4	283	31.8	625	70.2	33
Nord	BRUNE	66	367	8,357	362	43.3	296	35.5	658	78.8	29
	CROSSBRED	1,503	337	7,777	312	40.1	253	32.5	564	72.5	29
	MONTBELIARDE	517	329	7,486	301	40.3	250	33.4	551	73.7	31
	BLEUE DU NORD	146	315	4,532	172	37.9	146	32.3	318	70.1	34
	ROUGE FLAMANDE	148	331	5,464	217	39.7	181	33.1	397	72.7	33
	PRIM'HOLSTEIN	14,432	352	9,172	368	40.2	297	32.4	665	72.6	28
Oise	CROSSBRED	230	347	8,431	339	40.2	279	33.0	618	73.3	30
	MONTBELIARDE	90	357	8,031	323	40.2	267	33.2	590	73.4	32
	NORMANDE	110	339	7,235	312	43.1	263	36.4	575	79.5	31
	PRIM'HOLSTEIN	3,056	352	8,772	354	40.4	287	32.7	641	73.1	30
Orne	JERSIAISE	88	348	5,339	294	55.0	201	37.7	495	92.7	27
	BRUNE	54	425	7,572	332	43.9	263	34.8	596	78.7	31
	CROSSBRED	1,519	352	7,200	298	41.4	241	33.4	539	74.9	33
	MONTBELIARDE	233	371	7,593	312	41.1	261	34.4	573	75.5	35
	NORMANDE	8,440	351	6,616	285	43.1	234	35.4	519	78.4	33
	PRIM'HOLSTEIN	13,777	362	8,959	369	41.2	296	33.1	666	74.3	30
Pas de Calais	BRUNE	97	352	7,609	321	42.2	268	35.2	588	77.3	30
	CROSSBRED	886	350	8,534	338	39.6	278	32.6	616	72.2	31
	MONTBELIARDE	255	335	7,652	304	39.7	254	33.1	558	72.9	33
	NORMANDE	65	337	6,565	283	43.1	219	33.4	503	76.6	32
	ROUGE FLAMANDE	67	304	4,787	188	39.2	155	32.5	343	71.7	36
	PRIM'HOLSTEIN	13,460	361	9,360	365	39.0	302	32.2	667	71.2	30
Puy de Dôme	ABONDANCE	162	317	5,019	187	37.2	171	34.1	358	71.3	35
	JERSIAISE	77	341	4,736	240	50.6	174	36.8	414	87.4	28
	BRUNE	131	323	6,132	248	40.5	209	34.1	458	74.6	33
	SALERS	44	276	2,636	97	36.9	87	33.0	184	69.9	35
	SIMMENTAL	85	331	6,312	250	39.6	214	33.8	463	73.4	35
	CROSSBRED	861	340	6,575	261	39.8	216	32.9	478	72.6	34
	MONTBELIARDE	3,434	336	6,706	265	39.5	225	33.6	490	73.1	34
	NORMANDE	83	307	5,101	206	40.3	170	33.3	376	73.6	36
	PRIM'HOLSTEIN	5,868	356	7,849	310	39.4	253	32.2	563	71.7	32

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Pyrénées Atlantiques	BRUNE	66	349	6,966	280	40.2	241	34.5	520	74.7	32
	CROSSBRED	146	330	7,211	295	40.9	238	33.0	533	73.8	31
	MONTBELIARDE	288	330	7,114	280	39.4	241	33.8	521	73.2	31
	PRIM'HOLSTEIN	3,030	358	9,478	374	39.4	309	32.6	682	72.0	29
Hautes Pyrénées	CROSSBRED	40	354	7,641	287	37.5	246	32.2	532	69.7	31
	MONTBELIARDE	74	351	6,813	274	40.1	231	33.9	505	74.1	34
	PRIM'HOLSTEIN	699	353	9,406	365	38.9	309	32.9	674	71.7	29
Bas Rhin	JERSIAISE	54	316	4,903	267	54.5	186	38.0	454	92.5	25
	SIMMENTAL	256	320	6,690	277	41.3	228	34.0	504	75.4	34
	CROSSBRED	374	342	8,080	330	40.8	268	33.2	598	74.0	31
	MONTBELIARDE	333	340	7,855	325	41.4	270	34.4	595	75.8	32
	PRIM'HOLSTEIN	6,887	352	9,654	388	40.2	320	33.1	708	73.4	29
Haut Rhin	CROSSBRED	342	336	7,035	290	41.2	235	33.4	525	74.6	33
	MONTBELIARDE	1,124	343	7,510	307	40.9	255	33.9	562	74.8	33
	VOSGIENNE	145	283	3,589	138	38.5	117	32.5	255	71.0	36
	PRIM'HOLSTEIN	2,184	350	8,900	355	39.9	290	32.6	645	72.5	30
Rhône	CROSSBRED	372	336	7,020	286	40.7	230	32.7	516	73.5	32
	MONTBELIARDE	2,958	333	7,071	285	40.4	239	33.8	524	74.1	33
	PRIM'HOLSTEIN	2,171	357	8,780	356	40.5	287	32.7	643	73.2	30
Haute Saône	BRUNE	55	324	6,770	282	41.6	233	34.4	514	75.9	37
	CROSSBRED	481	319	6,990	277	39.6	233	33.3	510	73.0	34
	MONTBELIARDE	7,323	333	7,361	291	39.6	251	34.1	543	73.7	34
	PRIM'HOLSTEIN	1,708	350	8,724	345	39.5	287	32.9	632	72.4	32
Saône & Loire	SIMMENTAL	57	346	7,729	319	41.3	262	33.8	581	75.2	32
	CROSSBRED	177	325	7,250	296	40.9	242	33.4	539	74.3	32
	MONTBELIARDE	3,708	347	7,762	316	40.7	267	34.5	583	75.2	34
	PRIM'HOLSTEIN	1,047	348	8,813	356	40.4	289	32.8	645	73.2	31
Sarthe	JERSIAISE	75	322	4,691	257	54.9	180	38.4	438	93.3	29
	BRUNE	43	333	6,471	288	44.5	229	35.3	516	79.8	31
	CROSSBRED	617	355	7,332	307	41.9	247	33.7	554	75.6	33
	MONTBELIARDE	684	345	7,510	310	41.2	255	34.0	565	75.3	33
	NORMANDE	2,153	350	6,710	294	43.7	238	35.5	532	79.3	33
	PRIM'HOLSTEIN	11,926	362	9,028	371	41.1	301	33.3	672	74.4	30
Savoie	ABONDANCE	1,901	305	4,595	168	36.6	151	32.9	320	69.6	37
	TARENTEISE	2,012	299	4,126	154	37.4	136	32.9	290	70.3	36
	CROSSBRED	149	312	5,013	193	38.6	167	33.4	361	72.0	38
	MONTBELIARDE	1,977	333	7,124	275	38.7	242	33.9	517	72.6	35
	PRIM'HOLSTEIN	73	357	8,537	326	38.2	281	32.9	607	71.1	36

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Haute Savoie	ABONDANCE	3,089	304	5,448	199	36.5	184	33.7	382	70.2	36
	TARENTEAISE	150	281	4,141	156	37.6	139	33.5	295	71.1	36
	SIMMENTAL	41	338	6,693	263	39.3	242	36.1	505	75.4	35
	CROSSBRED	119	313	6,817	254	37.3	225	33.0	479	70.3	34
	MONTBELIARDE	6,167	329	7,307	278	38.0	247	33.9	525	71.9	34
	PRIM·HOLSTEIN	610	334	9,120	345	37.9	294	32.2	639	70.1	28
Seine Maritime	PIE ROUGE	266	339	7,112	306	43.1	247	34.8	554	77.9	31
	CROSSBRED	1,887	357	7,764	314	40.5	258	33.3	573	73.8	32
	MONTBELIARDE	354	344	7,505	303	40.3	254	33.9	557	74.2	32
	NORMANDE	4,023	358	6,872	290	42.2	243	35.3	533	77.5	33
	PRIM·HOLSTEIN	9,823	361	9,120	365	40.0	298	32.7	663	72.7	30
Seine & Marne	PRIM·HOLSTEIN	817	362	9,370	375	40.0	303	32.4	678	72.4	29
Yvelines	PRIM·HOLSTEIN	477	325	9,551	383	40.1	311	32.6	694	72.7	26
Deux Sèvres	JERSIAISE	104	310	4,889	271	55.4	189	38.6	460	94.0	26
	CROSSBRED	178	365	8,938	366	41.0	298	33.4	665	74.4	30
	MONTBELIARDE	318	339	7,384	293	39.7	249	33.7	542	73.4	33
	NORMANDE	161	358	6,346	264	41.5	220	34.6	483	76.1	31
	PRIM·HOLSTEIN	6,135	363	9,498	389	40.9	317	33.4	706	74.3	29
Somme	CROSSBRED	665	345	8,429	338	40.1	279	33.1	617	73.2	30
	MONTBELIARDE	191	336	7,313	295	40.4	247	33.8	543	74.2	32
	NORMANDE	145	352	7,281	311	42.8	256	35.2	567	77.9	31
	PRIM·HOLSTEIN	7,747	356	9,444	373	39.5	308	32.6	681	72.1	29
Tarn	BRUNE	81	386	6,733	291	43.3	231	34.3	522	77.5	32
	CROSSBRED	154	327	6,470	259	40.1	209	32.3	468	72.3	30
	MONTBELIARDE	115	361	6,581	266	40.4	217	33.0	483	73.4	35
	PRIM·HOLSTEIN	2,359	360	8,433	338	40.1	274	32.5	612	72.6	29
Tarn & Garonne	CROSSBRED	77	334	6,716	294	43.7	219	32.5	512	76.3	32
	MONTBELIARDE	72	311	5,592	226	40.4	183	32.7	409	73.1	35
	PRIM·HOLSTEIN	799	383	8,254	337	40.8	267	32.4	604	73.2	31
Vendée	JERSIAISE	141	339	4,116	225	54.7	152	36.9	377	91.6	27
	BRUNE	71	380	7,986	355	44.5	284	35.6	639	80.0	31
	SIMMENTAL	40	297	6,278	264	42.1	217	34.6	482	76.7	31
	CROSSBRED	509	356	7,333	307	41.8	242	33.0	548	74.8	29
	MONTBELIARDE	722	341	7,630	309	40.5	259	34.0	569	74.5	31
	NORMANDE	568	343	6,474	276	42.6	228	35.3	504	77.8	31
	PRIM·HOLSTEIN	16,269	363	9,291	385	41.4	304	32.8	689	74.2	28

¹Only the breeds with more than 40 results are listed here.



Complete lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Lactation duration days	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg	Calving age months
Vienne	CROSSBRED	120	359	7,973	342	42.9	266	33.4	609	76.3	27
	MONTBELIARDE	90	368	6,869	276	40.2	236	34.4	512	74.6	33
	NORMANDE	61	339	6,150	267	43.4	213	34.6	480	78.0	30
	PRIM'HOLSTEIN	1,722	376	9,326	384	41.2	311	33.3	695	74.5	28
Haute Vienne	CROSSBRED	68	330	6,276	266	42.4	209	33.3	475	75.7	36
	MONTBELIARDE	63	314	6,004	244	40.6	205	34.2	449	74.7	36
	NORMANDE	137	334	5,317	232	43.6	181	34.1	413	77.7	35
	PRIM'HOLSTEIN	1,077	356	8,411	338	40.2	276	32.8	613	72.9	31
Vosges	BRUNE	53	352	7,439	311	41.8	253	34.0	564	75.8	39
	SIMMENTAL	193	310	6,521	269	41.2	221	33.8	490	75.1	36
	CROSSBRED	875	329	7,030	288	41.0	229	32.6	517	73.6	34
	MONTBELIARDE	2,758	336	7,123	288	40.4	239	33.6	528	74.1	36
	VOSGIENNE	107	271	3,081	119	38.7	99	32.1	218	70.8	38
	PRIM'HOLSTEIN	9,099	347	8,482	338	39.9	277	32.7	616	72.6	33
Yonne	BRUNE	44	356	6,635	280	42.2	225	33.9	505	76.1	32
	CROSSBRED	183	373	8,506	350	41.2	283	33.3	633	74.4	32
	MONTBELIARDE	189	351	7,511	306	40.8	254	33.8	560	74.6	34
	PRIM'HOLSTEIN	2,376	382	9,521	388	40.8	312	32.7	700	73.5	31
Territoire de Belfort	CROSSBRED	56	333	6,875	285	41.5	230	33.4	515	74.9	35
	MONTBELIARDE	603	345	8,059	326	40.4	276	34.3	602	74.7	33
	PRIM'HOLSTEIN	500	345	8,843	357	40.4	293	33.1	650	73.5	30
Val d'Oise	PRIM'HOLSTEIN	75	351	8,173	328	40.2	266	32.6	595	72.8	28
Réunion	CROSSBRED	92	372	7,498	287	38.3	249	33.3	537	71.6	30
	MONTBELIARDE	47	352	7,499	290	38.7	251	33.5	541	72.2	32
	PRIM'HOLSTEIN	502	389	8,402	319	38.0	276	32.8	595	70.8	30

¹Only the breeds with more than 40 results are listed here.



3.6 - 305-d lactations - all breeds - all lactations

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	31,568	7,801	310	39.8	257	33.0	567	72.7
Aisne	16,872	8,371	332	39.6	268	32.0	600	71.6
Allier	3,956	7,779	312	40.1	251	32.3	563	72.4
Alpes Hte Provence	562	5,791	224	38.7	190	32.9	415	71.6
Hautes Alpes	2,393	5,514	212	38.4	176	31.8	387	70.3
Alpes Maritimes	126	4,890	185	37.8	160	32.7	344	70.4
Ardèche	5,594	6,590	261	39.5	214	32.5	475	72.0
Ardennes	11,884	8,091	319	39.4	258	31.9	576	71.3
Ariège	2,524	7,512	298	39.7	242	32.2	540	71.9
Aube	6,265	8,104	321	39.6	257	31.7	578	71.3
Aude	293	6,974	276	39.6	222	31.8	498	71.4
Aveyron	32,716	7,356	294	40.0	237	32.2	530	72.1
Calvados	47,989	7,487	302	40.3	243	32.5	545	72.8
Cantal	44,568	6,539	256	39.2	211	32.2	467	71.4
Charente	4,924	7,300	299	41.0	236	32.3	535	73.3
Charente Maritime	7,246	8,003	319	39.8	255	31.8	574	71.7
Cher	3,207	7,564	310	41.0	243	32.1	553	73.1
Corrèze	4,532	6,692	264	39.5	212	31.7	476	71.1
Côte d'Or	11,645	7,253	288	39.8	240	33.1	528	72.8
Côtes d'Armor	96,643	8,255	331	40.1	262	31.7	593	71.8
Creuse	3,178	7,041	280	39.7	224	31.8	503	71.5
Dordogne	8,752	7,890	316	40.1	253	32.1	570	72.2
Doubs	82,217	7,039	267	38.0	231	32.9	499	70.8
Drôme	2,755	7,353	290	39.5	239	32.5	529	72.0
Eure	13,594	7,889	319	40.4	257	32.6	576	73.0
Eure & Loir	4,503	7,914	327	41.3	260	32.9	587	74.2
Finistère	81,598	7,901	316	40.0	249	31.5	565	71.5
Haute Garonne	6,052	7,706	302	39.2	245	31.8	547	70.9
Gers	1,115	7,325	284	38.8	229	31.3	514	70.1
Gironde	2,820	7,792	301	38.6	248	31.9	549	70.5
Hérault	84	6,819	260	38.1	210	30.8	470	69.0
Ille & Vilaine	161,337	7,976	325	40.7	257	32.2	581	72.9
Indre	3,513	8,367	338	40.4	270	32.3	608	72.6
Indre & Loire	11,248	8,640	351	40.6	278	32.1	628	72.7
Isère	17,807	7,604	302	39.8	249	32.7	551	72.4
Jura	45,707	6,917	259	37.4	227	32.8	486	70.2
Landes	3,595	8,262	330	39.9	259	31.4	589	71.3
Loir & Cher	7,464	8,367	342	40.9	271	32.4	613	73.2
Loire	33,757	7,750	311	40.1	252	32.6	563	72.6
Haute Loire	37,449	7,119	287	40.3	235	33.0	522	73.3
Loire Atlantique	80,998	7,998	327	40.9	257	32.1	584	73.0
Loiret	4,822	8,292	334	40.3	265	31.9	599	72.2
Lot	7,707	7,729	310	40.1	246	31.8	556	71.9
Lot & Garonne	5,694	7,654	307	40.1	242	31.6	548	71.6
Lozère	7,170	6,210	240	38.7	202	32.5	442	71.2
Maine & Loire	57,451	8,198	343	41.9	267	32.5	610	74.4
Manche	122,106	7,576	307	40.5	248	32.8	555	73.2

¹Only the local areas which count up more than 40 results are listed here.



305-d lactations - all breeds - all lactations (cont.)

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Marne	3,611	8,690	335	38.6	276	31.7	611	70.3
Haute Marne	23,189	8,047	317	39.4	263	32.7	581	72.2
Mayenne	105,176	7,825	324	41.4	256	32.7	580	74.2
Meurthe & Moselle	21,941	8,087	320	39.6	255	31.5	575	71.1
Meuse	23,578	8,609	338	39.2	275	31.9	612	71.1
Morbihan	84,550	8,322	336	40.4	267	32.0	603	72.5
Moselle	28,239	8,191	328	40.1	263	32.1	591	72.2
Nièvre	815	8,181	315	38.5	256	31.3	571	69.8
Nord	44,326	8,470	336	39.7	269	31.7	605	71.4
Oise	9,353	8,223	329	40.0	263	31.9	591	71.9
Orne	67,346	7,586	313	41.3	250	33.0	564	74.3
Pas de Calais	38,149	8,623	334	38.7	272	31.6	606	70.3
Puy de Dôme	35,837	6,794	265	39.0	218	32.1	484	71.2
Pyrénées Atlantiques	10,802	8,491	330	38.9	270	31.7	600	70.6
Hautes Pyrénées	2,647	8,216	318	38.7	263	32.0	581	70.7
Pyrénées Orientales	191	5,937	236	39.8	190	32.0	426	71.8
Bas Rhin	22,707	8,943	356	39.8	289	32.3	645	72.1
Haut Rhin	12,185	7,707	307	39.8	249	32.3	556	72.1
Rhône	19,374	7,518	301	40.1	245	32.7	547	72.7
Haute Saône	30,668	7,482	292	39.0	248	33.1	540	72.2
Saône & Loire	15,256	7,593	304	40.0	252	33.2	556	73.2
Sarthe	40,969	8,023	330	41.1	263	32.7	592	73.8
Savoie	22,820	5,370	198	37.0	176	32.7	374	69.7
Haute Savoie	36,186	6,886	254	37.0	227	32.9	481	69.9
Seine Maritime	44,388	7,733	311	40.2	252	32.5	562	72.7
Seine & Marne	2,588	8,685	345	39.7	274	31.5	619	71.2
Yvelines	1,360	8,922	353	39.6	282	31.6	635	71.2
Deux Sèvres	19,824	8,707	351	40.3	283	32.5	634	72.8
Somme	22,203	8,624	338	39.2	274	31.8	612	71.0
Tarn	8,751	7,617	301	39.6	240	31.6	542	71.1
Tarn & Garonne	3,088	7,074	285	40.3	222	31.4	507	71.7
Vendée	49,147	8,481	347	41.0	271	32.0	619	73.0
Vienne	5,884	8,236	333	40.5	267	32.4	600	72.9
Haute Vienne	4,170	7,381	296	40.1	237	32.1	533	72.2
Vosges	38,738	7,676	305	39.7	246	32.1	551	71.8
Yonne	7,938	8,296	332	40.0	264	31.8	596	71.8
Territoire de Belfort	3,628	7,878	314	39.9	259	32.9	574	72.8
Val d'Oise	189	8,095	315	38.9	257	31.8	572	70.6
Réunion	2,278	6,929	261	37.7	221	32.0	482	69.6

¹Only the local areas which count up more than 40 results are listed here.



3.7 - 305-d lactations - all lactations per local area and breed

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	ABONDANCE	45	5,310	185	34.9	176	33.2	362	68.1
	JERSIAISE	79	3,827	209	54.6	147	38.3	355	92.9
	BRUNE	167	7,451	302	40.6	254	34.2	557	74.7
	SIMMENTAL	587	6,038	238	39.4	203	33.6	441	73.0
	CROSSBRED	1,904	7,824	314	40.1	256	32.7	570	72.8
	MONTBELIARDE	22,079	7,517	298	39.6	251	33.4	549	73.0
	PRIM'HOLSTEIN	6,664	8,982	358	39.9	286	31.9	645	71.8
Aisne	JERSIAISE	62	6,554	352	53.7	248	37.8	599	91.4
	SIMMENTAL	67	6,184	252	40.7	209	33.8	461	74.5
	CROSSBRED	1,500	7,406	299	40.4	240	32.4	539	72.8
	MONTBELIARDE	565	6,960	280	40.2	233	33.4	512	73.6
	NORMANDE	381	5,356	219	40.9	178	33.3	398	74.2
	PRIM'HOLSTEIN	14,244	8,635	341	39.4	276	31.9	616	71.4
Allier	JERSIAISE	44	3,334	198	59.3	131	39.2	328	98.5
	BRUNE	59	5,517	230	41.6	187	33.9	417	75.6
	CROSSBRED	176	6,585	264	40.2	212	32.2	476	72.3
	MONTBELIARDE	438	6,093	244	40.1	206	33.9	451	74.0
	NORMANDE	190	6,124	258	42.2	212	34.7	471	76.9
	PRIM'HOLSTEIN	3,047	8,301	331	39.8	265	32.0	596	71.8
Alpes Hte Provence	ABONDANCE	51	5,025	185	36.9	166	33.1	352	70.0
	JERSIAISE	45	4,788	236	49.2	176	36.7	411	85.9
	MONTBELIARDE	377	6,197	235	38.0	202	32.5	437	70.5
Hautes Alpes	ABONDANCE	368	4,558	167	36.6	149	32.6	316	69.2
	TARENDAISE	255	4,172	153	36.8	135	32.4	289	69.2
	CROSSBRED	190	5,267	200	37.9	166	31.6	366	69.5
	MONTBELIARDE	1,103	5,711	221	38.8	183	32.0	404	70.8
	PRIM'HOLSTEIN	422	6,848	268	39.1	210	30.7	478	69.8
	Alpes Maritimes	ABONDANCE	93	4,581	172	37.6	150	32.8	323	70.4
Ardèche	ABONDANCE	460	5,528	209	37.7	183	33.2	392	70.9
	CROSSBRED	407	5,945	239	40.2	194	32.7	433	72.9
	MONTBELIARDE	3,837	6,462	257	39.8	212	32.8	469	72.6
	PRIM'HOLSTEIN	838	8,129	316	38.9	253	31.2	569	70.0
Ardennes	JERSIAISE	78	4,608	248	53.9	176	38.1	424	92.0
	CROSSBRED	1,397	6,922	276	39.9	222	32.1	499	72.0
	MONTBELIARDE	353	6,550	263	40.2	216	33.0	480	73.3
	NORMANDE	70	5,445	225	41.3	181	33.2	406	74.5
	PRIM'HOLSTEIN	9,948	8,365	328	39.2	266	31.8	594	71.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ariège	BRUNE	461	6,703	278	41.5	231	34.5	509	76.0
	CROSSBRED	124	6,312	248	39.3	197	31.3	445	70.5
	MONTBELIARDE	247	5,627	222	39.5	183	32.5	405	72.0
	PRIM·HOLSTEIN	1,624	8,234	323	39.2	261	31.7	584	70.9
Aube	JERSIAISE	54	5,556	279	50.3	208	37.4	487	87.7
	BRUNE	300	7,453	302	40.6	253	34.0	556	74.5
	SIMMENTAL	55	5,237	222	42.3	178	33.9	399	76.2
	CROSSBRED	371	7,523	295	39.2	242	32.2	537	71.4
	MONTBELIARDE	295	7,660	295	38.5	253	33.0	548	71.5
	PRIM·HOLSTEIN	5,175	8,271	327	39.6	260	31.4	587	71.0
Aude	BRUNE	55	5,998	243	40.5	202	33.7	445	74.2
	PRIM·HOLSTEIN	183	7,668	304	39.6	240	31.4	544	71.0
Aveyron	ABONDANCE	73	4,514	166	36.8	150	33.2	316	70.0
	AUBRAC	106	2,244	89	39.7	78	34.6	167	74.3
	JERSIAISE	91	4,164	210	50.3	149	35.7	358	86.0
	PIE ROUGE	70	7,886	340	43.2	259	32.9	599	76.0
	BRUNE	2,247	6,717	284	42.3	231	34.4	515	76.7
	SIMMENTAL	2,999	5,622	220	39.1	190	33.7	409	72.8
	CROSSBRED	1,186	6,533	262	40.2	209	32.0	472	72.2
	MONTBELIARDE	3,805	6,348	250	39.3	209	32.9	459	72.3
	NORMANDE	49	4,883	206	42.2	169	34.5	375	76.7
	PRIM·HOLSTEIN	22,054	7,935	316	39.9	251	31.7	568	71.6
Calvados	JERSIAISE	429	5,257	311	59.1	212	40.4	523	99.4
	BRUNE	100	6,233	257	41.2	214	34.3	471	75.5
	CROSSBRED	4,584	6,441	260	40.4	208	32.3	468	72.7
	MONTBELIARDE	788	6,355	257	40.5	211	33.2	468	73.7
	NORMANDE	10,366	5,932	246	41.5	204	34.5	451	75.9
	PRIM·HOLSTEIN	31,656	8,212	327	39.8	262	31.9	589	71.8
Cantal	ABONDANCE	531	4,755	177	37.3	158	33.2	335	70.5
	JERSIAISE	276	4,190	222	53.0	156	37.2	378	90.2
	PIE ROUGE	156	5,876	244	41.5	188	32.0	432	73.5
	BRUNE	1,043	5,974	250	41.9	203	33.9	453	75.8
	SALERS	735	2,171	71	32.8	72	33.0	143	65.8
	SIMMENTAL	992	4,871	191	39.1	164	33.6	354	72.7
	CROSSBRED	3,321	5,941	232	39.0	190	32.0	422	71.0
	MONTBELIARDE	17,103	6,217	240	38.6	204	32.9	445	71.5
	NORMANDE	177	5,329	219	41.0	182	34.1	400	75.1
	PRIM·HOLSTEIN	20,186	7,285	288	39.5	230	31.6	518	71.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Charente	JERSIAISE	258	5,130	278	54.3	193	37.6	471	91.9
	CROSSBRED	314	6,375	271	42.5	208	32.6	479	75.2
	MONTBELIARDE	419	6,559	261	39.8	216	32.9	477	72.7
	NORMANDE	529	5,400	230	42.6	187	34.5	417	77.1
	PRIM'HOLSTEIN	3,377	7,954	319	40.1	252	31.7	571	71.8
Charente Maritime	JERSIAISE	44	3,653	194	53.2	137	37.6	332	90.8
	PIE ROUGE	67	7,348	306	41.6	247	33.7	553	75.3
	BRUNE	46	4,031	156	38.6	128	31.7	284	70.4
	CROSSBRED	368	6,877	276	40.2	219	31.8	495	72.0
	MONTBELIARDE	370	6,811	272	39.9	226	33.2	498	73.1
	NORMANDE	277	6,062	253	41.7	209	34.5	462	76.2
	PRIM'HOLSTEIN	6,074	8,301	330	39.7	263	31.6	592	71.3
Cher	JERSIAISE	93	4,676	262	56.0	186	39.8	448	95.8
	CROSSBRED	489	6,931	287	41.3	226	32.6	513	74.0
	MONTBELIARDE	56	6,491	273	42.1	210	32.3	483	74.5
	PRIM'HOLSTEIN	2,514	7,852	319	40.6	249	31.8	568	72.3
Corrèze	BRUNE	47	5,936	237	39.9	203	34.2	440	74.1
	CROSSBRED	260	6,080	243	39.9	194	31.9	437	71.9
	MONTBELIARDE	640	5,638	219	38.8	183	32.4	401	71.2
	PRIM'HOLSTEIN	3,507	6,993	276	39.5	220	31.5	496	71.0
Côte d'Or	ABONDANCE	70	4,859	176	36.1	156	32.1	332	68.3
	BRUNE	2,685	7,428	307	41.3	256	34.5	563	75.8
	SIMMENTAL	1,495	6,904	275	39.9	232	33.7	508	73.6
	CROSSBRED	436	6,598	261	39.6	214	32.4	475	72.0
	MONTBELIARDE	3,861	7,034	275	39.1	233	33.1	508	72.2
	PRIM'HOLSTEIN	3,084	7,703	302	39.1	244	31.7	546	70.8
Côtes d'Armor	JERSIAISE	120	4,445	248	55.8	172	38.7	420	94.5
	PIE ROUGE	1,277	7,243	307	42.4	239	33.0	546	75.3
	BRUNE	378	6,512	282	43.2	219	33.7	501	76.9
	SIMMENTAL	74	5,858	238	40.6	192	32.8	430	73.4
	CROSSBRED	2,924	7,305	298	40.8	233	31.9	531	72.7
	MONTBELIARDE	2,297	7,234	291	40.3	237	32.7	528	73.0
	NORMANDE	6,577	6,324	265	42.0	216	34.2	482	76.2
	PRIM'HOLSTEIN	82,977	8,502	339	39.9	268	31.5	607	71.4
Creuse	CROSSBRED	258	6,041	238	39.4	192	31.8	430	71.2
	MONTBELIARDE	282	6,066	241	39.7	200	32.9	441	72.7
	NORMANDE	127	4,522	188	41.5	151	33.4	339	74.9
	PRIM'HOLSTEIN	2,506	7,386	293	39.7	234	31.6	527	71.3

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Dordogne	BRUNE	74	5,793	244	42.1	200	34.6	444	76.7
	CROSSBRED	530	6,871	281	40.8	225	32.7	505	73.5
	MONTBELIARDE	837	6,869	278	40.4	229	33.3	506	73.7
	NORMANDE	152	5,224	211	40.4	174	33.3	385	73.7
	PRIM·HOLSTEIN	7,136	8,171	327	40.0	261	31.9	587	71.9
Doubs	SIMMENTAL	183	6,461	250	38.7	213	33.0	463	71.7
	CROSSBRED	1,023	7,227	281	38.9	232	32.0	513	70.9
	MONTBELIARDE	79,367	7,010	266	37.9	231	32.9	497	70.8
	PRIM·HOLSTEIN	1,569	8,522	331	38.9	271	31.8	602	70.7
Drôme	CROSSBRED	107	6,513	254	39.0	208	31.9	462	71.0
	MONTBELIARDE	1,666	6,681	264	39.5	218	32.6	482	72.1
	PRIM·HOLSTEIN	884	9,012	357	39.6	292	32.4	648	72.0
Eure	BRUNE	45	6,440	280	43.4	228	35.5	508	78.9
	CROSSBRED	1,264	7,155	289	40.4	235	32.8	524	73.3
	MONTBELIARDE	187	7,059	284	40.2	238	33.7	521	73.9
	NORMANDE	2,765	6,165	258	41.9	213	34.6	471	76.5
	PRIM·HOLSTEIN	9,295	8,537	342	40.0	274	32.1	616	72.2
Eure & Loir	JERSIAISE	140	5,918	317	53.5	226	38.1	542	91.6
	BRUNE	73	7,041	308	43.8	242	34.4	551	78.2
	CROSSBRED	90	6,877	277	40.3	227	33.0	504	73.3
	MONTBELIARDE	70	6,589	271	41.2	222	33.8	494	74.9
	NORMANDE	1,150	6,333	268	42.4	220	34.8	488	77.1
	PRIM·HOLSTEIN	2,971	8,717	354	40.6	280	32.1	634	72.8
Finistère	JERSIAISE	460	4,308	247	57.3	167	38.7	413	96.0
	PIE ROUGE	1,528	7,418	313	42.2	245	33.0	558	75.2
	BRUNE	354	6,362	270	42.4	213	33.5	482	75.8
	SIMMENTAL	45	5,623	236	42.0	187	33.3	424	75.3
	CROSSBRED	3,501	6,765	276	40.8	216	32.0	493	72.8
	MONTBELIARDE	799	7,054	285	40.4	230	32.6	515	73.0
	NORMANDE	2,224	5,948	248	41.8	201	33.8	449	75.5
	PRIM·HOLSTEIN	72,670	8,067	321	39.8	253	31.3	574	71.1
Haute Garonne	ABONDANCE	116	3,182	112	35.2	105	32.9	217	68.1
	BRUNE	99	7,320	307	41.9	247	33.7	553	75.6
	CROSSBRED	208	6,945	276	39.7	223	32.2	499	71.9
	MONTBELIARDE	864	6,425	252	39.2	212	33.0	464	72.2
	PRIM·HOLSTEIN	4,709	8,132	318	39.1	256	31.5	574	70.6
Gers	CROSSBRED	120	5,883	230	39.1	190	32.3	420	71.4
	NORMANDE	46	4,773	191	40.0	161	33.8	352	73.7
	PRIM·HOLSTEIN	898	7,703	298	38.7	239	31.0	537	69.7

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Gironde	CROSSBRED	173	6,495	258	39.8	211	32.5	469	72.2
	MONTBELIARDE	82	5,689	228	40.1	187	32.8	415	72.9
	PRIM·HOLSTEIN	2,504	8,014	308	38.5	255	31.8	563	70.3
Hérault	PRIM·HOLSTEIN	59	7,103	269	37.9	215	30.3	484	68.2
Ille & Vilaine	JERSIAISE	623	4,303	229	53.3	164	38.1	393	91.4
	PIE ROUGE	913	7,091	306	43.2	239	33.6	545	76.8
	BRUNE	305	6,741	292	43.3	230	34.1	522	77.4
	BRETONNE PIE NOIRE	66	2,221	93	41.9	76	34.0	169	75.9
	SIMMENTAL	127	5,460	235	43.0	177	32.4	412	75.4
	CROSSBRED	7,148	6,869	281	41.0	222	32.4	504	73.3
	MONTBELIARDE	5,492	6,987	282	40.4	231	33.1	514	73.5
	NORMANDE	12,794	6,209	262	42.1	213	34.3	475	76.4
	PRIM·HOLSTEIN	133,812	8,278	336	40.5	265	32.0	600	72.5
	FROMENT DU LEON	50	2,179	93	42.5	72	33.0	165	75.6
Indre	CROSSBRED	170	7,670	315	41.1	251	32.7	566	73.8
	MONTBELIARDE	64	7,221	290	40.1	240	33.3	530	73.4
	PRIM·HOLSTEIN	3,202	8,510	343	40.3	274	32.2	617	72.5
Indre & Loire	CROSSBRED	496	7,353	303	41.2	237	32.2	540	73.4
	MONTBELIARDE	532	7,528	306	40.7	247	32.7	553	73.4
	NORMANDE	225	6,524	278	42.6	224	34.4	502	76.9
	PRIM·HOLSTEIN	9,931	8,826	357	40.5	283	32.1	640	72.6
Isère	ABONDANCE	438	5,540	204	36.8	181	32.6	384	69.4
	JERSIAISE	50	4,987	257	51.5	183	36.8	440	88.3
	BRUNE	70	6,376	265	41.6	217	34.0	482	75.6
	TARENTEISE	70	4,175	162	38.9	138	33.0	300	71.8
	SIMMENTAL	362	6,719	285	42.5	225	33.5	510	76.0
	CROSSBRED	1,081	7,275	291	40.0	238	32.7	529	72.7
	MONTBELIARDE	10,936	7,445	296	39.8	246	33.1	543	72.9
	PRIM·HOLSTEIN	4,751	8,438	334	39.5	268	31.8	602	71.3
Jura	JERSIAISE	41	4,099	235	57.3	160	39.1	395	96.3
	SIMMENTAL	1,106	6,247	247	39.6	210	33.5	457	73.1
	CROSSBRED	638	6,464	251	38.8	212	32.8	463	71.7
	MONTBELIARDE	43,273	6,921	258	37.3	227	32.8	485	70.1
	PRIM·HOLSTEIN	618	8,590	333	38.8	272	31.6	605	70.4
Landes	CROSSBRED	107	6,642	266	40.0	210	31.6	476	71.6
	PRIM·HOLSTEIN	3,414	8,351	333	39.8	262	31.3	595	71.2

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Loir & Cher	CROSSBRED	118	7,838	329	41.9	260	33.2	589	75.1
	MONTBELIARDE	141	7,934	330	41.6	268	33.8	598	75.3
	NORMANDE	926	6,533	280	42.8	224	34.2	503	77.0
	PRIM'HOLSTEIN	6,214	8,681	352	40.6	278	32.1	631	72.7
Loire	ABONDANCE	153	5,546	209	37.7	185	33.4	394	71.1
	JERSIAISE	85	4,658	259	55.7	180	38.6	439	94.3
	BRUNE	228	6,496	276	42.6	224	34.5	500	77.0
	SIMMENTAL	269	7,172	291	40.5	242	33.8	533	74.3
	CROSSBRED	1,677	7,118	288	40.4	231	32.5	519	72.9
	MONTBELIARDE	15,292	7,243	291	40.2	242	33.5	533	73.6
	NORMANDE	71	5,814	238	41.0	199	34.2	437	75.2
	PRIM'HOLSTEIN	15,949	8,383	334	39.9	266	31.8	601	71.7
Haute Loire	ABONDANCE	796	5,453	207	37.9	184	33.7	391	71.7
	BRUNE	207	6,059	254	42.0	205	33.8	459	75.7
	TARENTEISE	124	5,221	211	40.5	181	34.6	392	75.0
	SIMMENTAL	70	5,248	221	42.2	178	33.9	399	76.1
	CROSSBRED	2,307	6,670	271	40.7	219	32.8	490	73.5
	MONTBELIARDE	25,118	6,949	279	40.2	232	33.4	512	73.6
	PRIM'HOLSTEIN	8,772	7,958	322	40.5	255	32.0	577	72.6
Loire Atlantique	JERSIAISE	278	4,153	231	55.6	157	37.8	388	93.4
	PIE ROUGE	314	7,667	339	44.2	264	34.4	603	78.6
	BRUNE	232	6,219	265	42.6	206	33.1	471	75.7
	BRETONNE PIE NOIRE	65	2,587	119	45.9	86	33.1	204	79.0
	SIMMENTAL	329	5,410	229	42.4	180	33.3	410	75.7
	CROSSBRED	2,548	6,463	267	41.3	208	32.2	475	73.5
	MONTBELIARDE	3,064	7,136	287	40.3	234	32.7	521	73.0
	NORMANDE	6,149	6,085	255	41.9	207	34.1	462	76.0
	PRIM'HOLSTEIN	67,993	8,310	339	40.8	265	31.9	604	72.7
Loiret	CROSSBRED	338	7,615	306	40.2	244	32.1	550	72.3
	MONTBELIARDE	222	7,061	286	40.5	232	32.9	518	73.4
	NORMANDE	106	5,857	254	43.4	204	34.8	458	78.2
	PRIM'HOLSTEIN	4,127	8,488	341	40.2	270	31.8	611	72.0
Lot	BRUNE	66	6,137	262	42.7	207	33.8	469	76.5
	CROSSBRED	529	6,832	275	40.3	221	32.3	496	72.6
	MONTBELIARDE	836	6,959	277	39.8	229	32.9	506	72.7
	PRIM'HOLSTEIN	6,224	7,951	319	40.1	251	31.6	570	71.7
Lot & Garonne	JERSIAISE	76	5,114	262	51.2	185	36.2	447	87.4
	CROSSBRED	633	6,985	287	41.1	224	32.1	511	73.2
	MONTBELIARDE	114	6,620	263	39.8	219	33.1	482	72.9
	NORMANDE	159	5,159	219	42.4	177	34.3	396	76.7
	PRIM'HOLSTEIN	4,663	7,919	315	39.8	248	31.4	563	71.1

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Lozère	ABONDANCE	310	4,665	175	37.4	154	33.0	329	70.4
	BRUNE	736	6,265	253	40.4	208	33.3	462	73.7
	SIMMENTAL	561	5,466	213	39.0	186	34.1	399	73.0
	CROSSBRED	121	5,881	222	37.8	187	31.8	409	69.6
	MONTBELIARDE	4,384	6,170	237	38.4	201	32.7	438	71.0
	PRIM'HOLSTEIN	1,008	7,375	286	38.8	228	31.0	514	69.7
Maine & Loire	JERSIAISE	2,283	4,832	270	55.9	187	38.7	457	94.6
	BRUNE	549	7,635	339	44.4	268	35.0	606	79.4
	SIMMENTAL	190	6,306	264	41.9	211	33.4	475	75.4
	CROSSBRED	1,879	7,385	313	42.4	243	32.9	556	75.3
	MONTBELIARDE	3,574	6,977	282	40.5	231	33.2	514	73.6
	NORMANDE	2,848	6,189	266	42.9	214	34.6	480	77.6
	PRIM'HOLSTEIN	46,103	8,632	358	41.5	278	32.2	636	73.7
Manche	JERSIAISE	1,235	4,201	244	58.0	164	39.0	407	97.0
	PIE ROUGE	298	7,445	316	42.5	245	32.9	561	75.3
	BRUNE	323	6,667	282	42.3	230	34.5	512	76.7
	SIMMENTAL	159	5,799	252	43.5	199	34.3	451	77.7
	CROSSBRED	9,308	6,950	282	40.5	227	32.7	509	73.2
	MONTBELIARDE	1,280	7,057	283	40.2	235	33.3	519	73.5
	NORMANDE	37,069	6,184	260	42.0	214	34.6	474	76.6
	PRIM'HOLSTEIN	72,428	8,444	335	39.7	270	32.0	606	71.7
Marne	CROSSBRED	157	7,569	295	39.0	243	32.1	539	71.2
	MONTBELIARDE	42	7,397	292	39.4	249	33.6	540	73.1
	PRIM'HOLSTEIN	3,353	8,797	338	38.5	278	31.7	617	70.1
Haute Marne	JERSIAISE	235	4,999	271	54.2	190	38.0	461	92.2
	BRUNE	644	6,800	281	41.4	231	34.0	513	75.4
	SIMMENTAL	2,144	6,846	275	40.2	234	34.2	509	74.3
	CROSSBRED	1,133	7,360	298	40.4	244	33.1	541	73.5
	MONTBELIARDE	5,747	7,493	296	39.6	253	33.7	549	73.3
	NORMANDE	40	5,897	242	41.0	200	34.0	442	74.9
	PRIM'HOLSTEIN	13,231	8,666	338	39.0	278	32.0	616	71.0
Mayenne	JERSIAISE	885	4,931	282	57.3	190	38.6	473	95.8
	BRUNE	338	7,133	306	42.9	244	34.2	550	77.1
	SIMMENTAL	331	6,794	284	41.9	221	32.6	506	74.4
	CROSSBRED	4,898	7,146	297	41.5	235	32.9	532	74.4
	MONTBELIARDE	5,261	7,131	288	40.4	238	33.4	527	73.8
	NORMANDE	20,464	6,379	271	42.4	222	34.7	492	77.1
	PRIM'HOLSTEIN	72,917	8,373	345	41.2	270	32.2	614	73.4

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Meurthe & Moselle	JERSIAISE	90	4,908	249	50.7	177	36.2	426	86.9
	BRUNE	190	6,918	293	42.3	238	34.4	530	76.6
	SIMMENTAL	53	6,303	254	40.4	207	32.8	461	73.2
	CROSSBRED	1,563	7,184	289	40.2	231	32.1	519	72.3
	MONTBELIARDE	1,112	6,668	270	40.5	218	32.6	488	73.1
	PRIM'HOLSTEIN	18,900	8,282	327	39.5	260	31.4	587	70.9
Meuse	BRUNE	207	7,409	311	41.9	250	33.7	560	75.6
	SIMMENTAL	263	7,731	317	41.0	264	34.2	581	75.1
	CROSSBRED	1,041	7,507	302	40.2	244	32.5	546	72.7
	MONTBELIARDE	738	6,992	276	39.5	229	32.8	506	72.3
	NORMANDE	40	5,819	232	39.9	193	33.2	425	73.1
	PRIM'HOLSTEIN	21,248	8,752	342	39.1	278	31.8	621	70.9
Morbihan	JERSIAISE	126	5,000	273	54.5	189	37.8	462	92.3
	PIE ROUGE	2,438	7,619	324	42.6	256	33.6	580	76.2
	BRUNE	40	6,739	286	42.4	227	33.6	512	76.0
	BRETONNE PIE NOIRE	46	2,496	106	42.3	77	30.9	183	73.2
	SIMMENTAL	192	7,139	295	41.3	243	34.1	538	75.4
	CROSSBRED	2,008	7,180	295	41.1	235	32.7	530	73.8
	MONTBELIARDE	2,447	7,314	291	39.7	241	32.9	531	72.7
	NORMANDE	3,552	6,081	256	42.0	208	34.1	463	76.2
	PRIM'HOLSTEIN	73,691	8,531	344	40.3	272	31.9	616	72.2
Moselle	BRUNE	150	7,165	301	41.9	244	34.0	544	76.0
	SIMMENTAL	127	6,382	264	41.4	214	33.5	478	74.9
	CROSSBRED	2,970	7,365	297	40.3	239	32.4	536	72.7
	MONTBELIARDE	1,349	6,649	266	40.1	218	32.8	485	72.9
	PRIM'HOLSTEIN	23,549	8,412	337	40.0	269	32.0	606	72.0
Nièvre	CROSSBRED	58	6,274	253	40.4	198	31.5	451	71.9
	MONTBELIARDE	78	6,682	260	39.0	215	32.2	475	71.2
	PRIM'HOLSTEIN	674	8,534	327	38.3	266	31.2	593	69.5
Nord	JERSIAISE	66	5,245	276	52.7	195	37.2	472	89.9
	BRUNE	168	7,752	334	43.1	271	35.0	605	78.0
	SIMMENTAL	46	5,571	232	41.6	177	31.7	409	73.3
	CROSSBRED	4,205	7,516	299	39.8	241	32.0	540	71.8
	MONTBELIARDE	1,410	7,331	291	39.7	241	32.9	533	72.7
	BLEUE DU NORD	465	4,745	179	37.7	151	31.7	330	69.5
	NORMANDE	80	6,025	245	40.7	200	33.2	446	74.0
	ROUGE FLAMANDE	430	5,501	218	39.6	180	32.7	397	72.2
	PRIM'HOLSTEIN	37,378	8,726	346	39.7	276	31.6	622	71.3

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Oise	CROSSBRED	629	7,805	312	40.0	253	32.4	565	72.4
	MONTBELIARDE	243	6,906	273	39.5	225	32.5	497	72.0
	NORMANDE	300	6,846	286	41.7	240	35.1	526	76.8
	PRIM'HOLSTEIN	8,149	8,354	334	39.9	266	31.8	599	71.7
Orne	JERSIAISE	267	5,200	290	55.8	198	38.0	488	93.8
	PIE ROUGE	40	6,905	297	43.0	232	33.6	529	76.6
	BRUNE	177	6,303	271	42.9	216	34.3	487	77.2
	CROSSBRED	3,864	6,779	279	41.1	223	32.8	502	74.0
	MONTBELIARDE	701	6,843	276	40.3	228	33.4	504	73.7
	NORMANDE	23,587	6,237	265	42.4	217	34.8	482	77.2
	PRIM'HOLSTEIN	38,661	8,529	348	40.8	275	32.2	622	73.0
Pas de Calais	JERSIAISE	41	5,856	317	54.1	223	38.0	539	92.1
	BRUNE	256	7,453	311	41.7	259	34.7	569	76.4
	CROSSBRED	2,382	7,986	313	39.2	255	32.0	568	71.1
	MONTBELIARDE	732	7,420	292	39.4	243	32.7	535	72.1
	NORMANDE	156	6,258	262	41.8	209	33.3	470	75.1
	ROUGE FLAMANDE	191	4,874	193	39.5	155	31.8	348	71.3
	PRIM'HOLSTEIN	34,357	8,740	337	38.6	275	31.5	613	70.1
Puy de Dôme	ABONDANCE	659	5,233	194	37.1	177	33.8	371	70.8
	JERSIAISE	267	4,509	227	50.4	168	37.2	395	87.5
	BRUNE	425	6,133	250	40.8	208	34.0	458	74.7
	SALERS	229	2,834	103	36.4	92	32.6	196	69.0
	SIMMENTAL	255	5,949	234	39.3	199	33.5	433	72.8
	CROSSBRED	2,865	6,236	244	39.1	201	32.2	445	71.3
	MONTBELIARDE	12,751	6,515	254	39.0	215	33.0	469	71.9
	NORMANDE	247	4,958	196	39.6	163	32.8	359	72.4
	FERRANDAISE	82	2,635	97	37.0	84	32.0	182	68.9
	PRIM'HOLSTEIN	18,030	7,296	284	39.0	230	31.5	514	70.5
Pyrénées Atlantiques	PIE ROUGE	46	7,004	295	42.1	226	32.3	521	74.4
	BRUNE	193	6,809	267	39.2	230	33.8	497	73.0
	CROSSBRED	394	7,194	286	39.8	233	32.3	519	72.1
	MONTBELIARDE	1,013	7,139	278	39.0	236	33.0	514	72.0
	NORMANDE	47	4,838	193	40.0	174	35.9	367	75.9
	PRIM'HOLSTEIN	9,063	8,780	341	38.8	277	31.5	618	70.4
Hautes Pyrénées	BRUNE	99	6,244	263	42.1	219	35.0	482	77.1
	CROSSBRED	105	6,668	255	38.2	210	31.6	465	69.8
	MONTBELIARDE	280	6,298	247	39.2	206	32.7	453	71.9
	PRIM'HOLSTEIN	2,152	8,646	333	38.6	276	31.9	609	70.4
Pyrénées Orientales	MONTBELIARDE	46	4,921	216	44.0	154	31.2	370	75.2
	PRIM'HOLSTEIN	110	6,933	268	38.6	223	32.1	491	70.8

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Bas Rhin	JERSIAISE	164	5,021	268	53.4	188	37.5	456	90.9
	BRUNE	71	6,755	282	41.7	226	33.5	508	75.2
	SIMMENTAL	985	6,845	279	40.8	230	33.6	509	74.3
	CROSSBRED	1,204	7,807	315	40.4	254	32.5	569	72.9
	MONTBELIARDE	1,010	7,774	313	40.2	261	33.6	574	73.8
	VOSGIENNE	107	3,997	148	37.0	125	31.2	272	68.2
	PRIM'HOLSTEIN	19,131	9,259	367	39.7	298	32.1	665	71.8
Haut Rhin	JERSIAISE	74	4,317	220	50.9	161	37.3	381	88.2
	BRUNE	101	6,196	256	41.3	207	33.4	463	74.8
	SIMMENTAL	64	5,497	221	40.2	183	33.3	404	73.4
	CROSSBRED	1,072	6,857	276	40.3	222	32.4	498	72.7
	MONTBELIARDE	3,721	7,355	296	40.2	244	33.2	540	73.4
	VOSGIENNE	586	4,272	160	37.4	135	31.7	295	69.1
	PRIM'HOLSTEIN	6,524	8,461	335	39.6	269	31.8	604	71.4
Rhône	BRUNE	110	6,601	278	42.1	225	34.1	503	76.1
	SIMMENTAL	110	6,410	256	40.0	210	32.7	466	72.7
	CROSSBRED	1,216	7,006	282	40.2	227	32.4	509	72.6
	MONTBELIARDE	11,120	7,112	285	40.0	236	33.2	521	73.3
	PRIM'HOLSTEIN	6,755	8,332	335	40.2	265	31.8	600	72.0
Haute Saône	BRUNE	137	6,599	274	41.5	222	33.7	496	75.2
	SIMMENTAL	71	5,631	226	40.2	186	33.1	413	73.3
	CROSSBRED	1,291	6,899	270	39.2	225	32.6	496	71.8
	MONTBELIARDE	24,399	7,387	288	39.0	247	33.4	535	72.4
	VOSGIENNE	60	4,097	154	37.6	132	32.3	286	69.9
	PRIM'HOLSTEIN	4,649	8,275	323	39.0	265	32.0	588	71.0
Saône & Loire	JERSIAISE	63	4,586	267	58.2	178	38.8	445	97.1
	SIMMENTAL	150	7,237	296	40.9	244	33.6	540	74.6
	CROSSBRED	599	7,180	287	40.0	232	32.4	519	72.3
	MONTBELIARDE	11,671	7,434	297	40.0	250	33.6	547	73.6
	PRIM'HOLSTEIN	2,735	8,466	337	39.8	271	32.0	608	71.8
Sarthe	JERSIAISE	222	4,794	267	55.6	185	38.6	452	94.2
	BRUNE	110	6,400	278	43.4	221	34.5	498	77.8
	SIMMENTAL	83	7,504	333	44.3	262	34.9	594	79.2
	CROSSBRED	1,708	6,811	282	41.4	224	32.9	506	74.3
	MONTBELIARDE	2,150	7,275	296	40.7	243	33.4	539	74.0
	NORMANDE	5,760	6,286	271	43.0	220	35.0	490	78.0
	PRIM'HOLSTEIN	30,913	8,498	346	40.7	275	32.4	621	73.1

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Savoie	ABONDANCE	7,663	4,793	172	35.9	155	32.4	327	68.3
	TARENTEISE	7,431	4,281	157	36.6	139	32.4	295	69.0
	CROSSBRED	566	4,856	182	37.4	158	32.5	340	69.9
	MONTBELIARDE	6,885	7,147	271	37.9	237	33.2	508	71.1
	PRIM·HOLSTEIN	240	7,827	293	37.4	246	31.4	539	68.8
Haute Savoie	ABONDANCE	11,407	5,936	213	36.0	196	33.0	409	69.0
	BRUNE	90	5,610	227	40.5	188	33.6	415	74.0
	TARENTEISE	481	4,507	164	36.5	148	32.9	313	69.4
	SIMMENTAL	130	6,715	256	38.1	235	35.0	491	73.1
	CROSSBRED	432	6,859	255	37.2	222	32.4	478	69.6
	MONTBELIARDE	22,047	7,283	272	37.3	240	33.0	512	70.3
	PRIM·HOLSTEIN	1,594	9,008	337	37.4	283	31.4	619	68.8
Seine Maritime	JERSIAISE	102	4,395	234	53.1	167	38.0	401	91.2
	PIE ROUGE	839	7,365	312	42.4	249	33.8	561	76.1
	BRUNE	57	7,481	323	43.2	263	35.1	586	78.3
	CROSSBRED	4,973	7,084	285	40.2	231	32.6	516	72.8
	MONTBELIARDE	1,007	7,360	292	39.7	244	33.2	537	72.9
	NORMANDE	11,176	6,287	261	41.5	217	34.6	478	76.1
	PRIM·HOLSTEIN	26,232	8,511	337	39.6	271	31.8	608	71.4
Seine & Marne	CROSSBRED	99	8,181	332	40.6	266	32.6	598	73.2
	PRIM·HOLSTEIN	2,419	8,792	347	39.5	276	31.4	624	70.9
Yvelines	JERSIAISE	68	4,592	254	55.4	181	39.4	435	94.7
	CROSSBRED	58	7,990	320	40.1	255	31.9	575	72.0
	PRIM·HOLSTEIN	1,217	9,257	362	39.1	290	31.4	653	70.5
Deux Sèvres	JERSIAISE	367	5,249	300	57.1	207	39.5	507	96.6
	CROSSBRED	465	8,199	326	39.8	267	32.5	593	72.3
	MONTBELIARDE	1,021	7,278	281	38.6	241	33.2	522	71.8
	NORMANDE	501	5,812	235	40.4	199	34.2	433	74.5
	PRIM·HOLSTEIN	17,450	8,960	361	40.2	290	32.3	650	72.6
Somme	JERSIAISE	49	5,473	289	52.8	209	38.1	498	91.0
	BRUNE	50	6,716	290	43.2	227	33.9	518	77.1
	CROSSBRED	1,705	7,926	316	39.9	255	32.2	572	72.2
	MONTBELIARDE	603	7,584	298	39.3	250	33.0	549	72.3
	NORMANDE	378	6,830	285	41.7	233	34.2	518	75.8
	PRIM·HOLSTEIN	19,374	8,772	342	39.0	278	31.7	620	70.7

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Tarn	ABONDANCE	69	4,785	171	35.8	153	32.0	324	67.8
	BRUNE	290	5,828	246	42.3	195	33.5	442	75.8
	SIMMENTAL	45	4,811	186	38.6	158	32.8	343	71.4
	CROSSBRED	509	6,390	256	40.0	204	31.9	460	71.9
	MONTBELIARDE	436	6,153	243	39.5	199	32.3	442	71.9
	PRIM·HOLSTEIN	7,363	7,917	313	39.5	249	31.4	561	70.9
Tarn & Garonne	BRUNE	85	4,208	191	45.3	145	34.5	336	79.8
	CROSSBRED	285	6,344	274	43.2	203	32.0	477	75.2
	MONTBELIARDE	219	6,025	244	40.5	194	32.1	437	72.6
	PRIM·HOLSTEIN	2,464	7,396	295	39.9	231	31.2	526	71.1
Vendée	JERSIAISE	404	4,362	238	54.6	161	36.8	399	91.4
	BRUNE	193	6,982	306	43.8	243	34.7	549	78.6
	SIMMENTAL	74	6,067	253	41.6	210	34.5	462	76.2
	CROSSBRED	1,328	7,111	295	41.5	230	32.4	525	73.9
	MONTBELIARDE	2,209	7,468	298	40.0	249	33.3	547	73.2
	NORMANDE	1,549	6,113	255	41.8	213	34.8	468	76.6
	PRIM·HOLSTEIN	43,378	8,709	356	40.9	277	31.8	633	72.7
Vienne	CROSSBRED	327	7,987	329	41.2	260	32.6	589	73.8
	MONTBELIARDE	307	6,724	260	38.7	223	33.2	483	71.9
	NORMANDE	167	5,978	255	42.6	202	33.9	457	76.5
	PRIM·HOLSTEIN	5,062	8,428	341	40.4	272	32.3	613	72.7
Haute Vienne	CROSSBRED	301	6,543	267	40.7	211	32.2	477	72.9
	MONTBELIARDE	291	5,412	222	41.0	178	32.9	400	73.9
	NORMANDE	433	5,162	221	42.8	176	34.1	397	76.9
	PRIM·HOLSTEIN	3,083	8,004	318	39.7	255	31.8	572	71.5
Vosges	JERSIAISE	91	4,610	250	54.3	171	37.2	422	91.5
	AYRSHIRE	88	6,730	331	49.1	208	30.9	539	80.0
	BRUNE	188	6,401	264	41.2	213	33.3	477	74.5
	SIMMENTAL	562	6,734	277	41.1	226	33.6	503	74.7
	CROSSBRED	2,587	7,021	283	40.3	225	32.1	508	72.4
	MONTBELIARDE	9,043	7,012	279	39.7	231	33.0	510	72.7
	NORMANDE	74	6,345	263	41.4	213	33.6	476	75.0
	VOSGIENNE	452	3,698	138	37.2	116	31.4	254	68.6
PRIM·HOLSTEIN	25,646	8,095	320	39.6	257	31.8	578	71.3	
Yonne	BRUNE	126	6,306	266	42.1	209	33.1	474	75.2
	CROSSBRED	558	7,480	304	40.7	243	32.5	547	73.1
	MONTBELIARDE	680	7,057	281	39.8	234	33.1	515	72.9
	NORMANDE	67	6,220	264	42.4	215	34.5	479	77.0
	PRIM·HOLSTEIN	6,469	8,574	342	39.9	271	31.6	613	71.5

¹Only the breeds with more than 40 results are listed here.



305-d lactations - all lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Territoire de Belfort	CROSSBRED	161	6,579	267	40.6	215	32.6	482	73.3
	MONTBELIARDE	2,084	7,704	306	39.8	258	33.5	564	73.3
	PRIM'HOLSTEIN	1,346	8,350	332	39.8	268	32.1	600	71.9
Val d'Oise	PRIM'HOLSTEIN	187	8,099	315	38.9	257	31.8	572	70.6
Réunion	BRUNE	145	6,133	250	40.7	215	35.1	465	75.8
	CROSSBRED	347	6,463	247	38.2	211	32.6	458	70.8
	MONTBELIARDE	117	6,599	251	38.0	215	32.6	466	70.6
	PRIM'HOLSTEIN	1,665	7,127	266	37.3	225	31.5	491	68.9

¹Only the breeds with more than 40 results are listed here.



3.8 - 305-d lactations - all breeds - first lactations

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	9,827	6,974	277	39.7	232	33.2	509	73.0
Aisne	6,377	7,536	297	39.4	243	32.2	539	71.5
Allier	1,323	7,031	280	39.8	228	32.5	508	72.3
Alpes Hte Provence	165	5,009	194	38.6	165	33.0	359	71.7
Hautes Alpes	703	4,990	192	38.4	160	32.1	352	70.5
Ardèche	1,399	6,107	240	39.3	200	32.7	440	72.0
Ardennes	4,030	7,207	284	39.4	232	32.2	516	71.6
Ariège	788	6,994	276	39.5	226	32.4	503	71.9
Aube	2,265	7,273	287	39.4	232	31.9	519	71.4
Aude	77	6,487	258	39.7	207	31.9	465	71.6
Aveyron	10,015	6,646	265	39.8	215	32.4	480	72.2
Calvados	16,865	6,769	271	40.0	221	32.6	492	72.6
Cantal	12,480	5,965	233	39.1	193	32.3	426	71.4
Charente	1,588	6,483	263	40.6	210	32.4	474	73.1
Charente Maritime	2,512	7,200	284	39.5	231	32.1	515	71.6
Cher	1,128	6,919	280	40.4	223	32.3	503	72.7
Corrèze	1,284	6,095	239	39.2	193	31.7	432	70.9
Côte d'Or	3,854	6,431	256	39.8	214	33.2	470	73.0
Côtes d'Armor	32,363	7,119	282	39.6	226	31.7	508	71.4
Creuse	1,025	6,196	243	39.3	198	31.9	441	71.2
Dordogne	2,643	7,175	284	39.6	232	32.4	516	71.9
Doubs	24,889	6,218	237	38.1	206	33.2	443	71.3
Drôme	805	7,140	281	39.3	234	32.8	515	72.1
Eure	4,916	6,977	281	40.3	230	32.9	511	73.2
Eure & Loir	1,642	7,065	290	41.1	234	33.1	525	74.3
Finistère	26,119	6,777	268	39.5	213	31.5	481	71.0
Haute Garonne	1,965	6,986	274	39.2	224	32.1	498	71.3
Gers	362	6,444	251	38.9	204	31.6	454	70.5
Gironde	843	7,202	276	38.3	231	32.1	507	70.4
Ille & Vilaine	55,507	6,984	282	40.3	225	32.2	506	72.5
Indre	1,280	7,459	298	40.0	242	32.4	540	72.4
Indre & Loire	3,832	7,676	310	40.3	249	32.4	558	72.7
Isère	5,774	6,822	271	39.7	225	33.0	496	72.8
Jura	14,040	6,173	232	37.6	204	33.0	436	70.6
Landes	1,190	7,327	291	39.7	232	31.7	523	71.4
Loir & Cher	2,633	7,424	300	40.4	241	32.4	541	72.8
Loire	10,695	6,941	277	39.9	226	32.6	503	72.5
Haute Loire	10,853	6,485	261	40.2	215	33.1	476	73.4
Loire Atlantique	27,803	6,968	283	40.6	225	32.3	508	72.9
Loiret	1,849	7,407	297	40.1	238	32.1	535	72.2
Lot	2,408	7,013	280	39.9	225	32.0	505	72.0
Lot & Garonne	1,779	7,147	284	39.8	228	31.9	512	71.6
Lozère	1,888	5,576	215	38.5	182	32.7	397	71.2
Maine & Loire	20,559	7,210	299	41.5	236	32.7	535	74.2
Manche	43,219	6,812	274	40.2	224	32.9	498	73.0
Marne	1,271	7,739	298	38.5	249	32.2	546	70.6
Haute Marne	7,983	7,215	283	39.3	239	33.1	522	72.4

¹Only the local areas which count up more than 40 results are listed here.



305-d lactations - all breeds - first lactations (cont.)

Local area ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Mayenne	39,032	6,934	283	40.8	227	32.7	510	73.5
Meurthe & Moselle	7,461	7,238	286	39.5	230	31.8	516	71.3
Meuse	8,285	7,630	299	39.2	247	32.3	546	71.5
Morbihan	27,368	7,164	287	40.0	230	32.1	517	72.1
Moselle	9,835	7,352	293	39.9	239	32.5	532	72.3
Nièvre	283	7,361	280	38.0	230	31.3	510	69.3
Nord	16,937	7,614	301	39.6	243	31.9	544	71.4
Oise	3,500	7,394	294	39.8	238	32.2	532	72.0
Orne	24,145	6,767	278	41.0	225	33.2	502	74.2
Pas de Calais	14,857	7,771	299	38.5	247	31.7	546	70.2
Puy de Dôme	10,769	6,261	244	38.9	201	32.2	445	71.1
Pyrénées Atlantiques	3,565	7,711	298	38.7	248	32.1	546	70.8
Hautes Pyrénées	848	7,666	292	38.1	249	32.4	541	70.6
Pyrénées Orientales	62	5,295	210	39.6	170	32.1	380	71.7
Bas Rhin	7,971	8,031	318	39.6	262	32.7	581	72.3
Haut Rhin	3,891	6,964	277	39.7	227	32.5	503	72.3
Rhône	5,598	6,772	270	39.9	222	32.8	492	72.7
Haute Saône	9,629	6,639	259	39.0	222	33.4	481	72.4
Saône & Loire	5,011	6,862	274	40.0	230	33.5	504	73.5
Sarthe	15,537	7,187	293	40.7	237	33.0	530	73.7
Savoie	6,120	4,879	182	37.4	161	33.0	343	70.4
Haute Savoie	10,208	6,121	228	37.2	204	33.3	432	70.5
Seine Maritime	16,405	6,961	278	39.9	228	32.8	506	72.6
Seine & Marne	871	7,768	306	39.4	247	31.8	553	71.2
Yvelines	529	8,293	333	40.2	269	32.4	602	72.6
Deux Sèvres	6,903	7,775	312	40.2	255	32.8	567	73.0
Somme	8,812	7,797	304	39.0	250	32.1	554	71.0
Tarn	2,745	6,872	270	39.3	219	31.9	489	71.2
Tarn & Garonne	979	6,399	257	40.1	202	31.6	459	71.7
Vendée	18,324	7,571	308	40.6	244	32.2	551	72.8
Vienne	1,998	7,365	297	40.3	240	32.6	537	72.9
Haute Vienne	1,361	6,718	267	39.8	217	32.3	484	72.1
Vosges	13,158	6,976	276	39.5	226	32.4	502	71.9
Yonne	2,824	7,556	302	40.0	243	32.1	545	72.1
Territoire de Belfort	1,171	7,222	289	40.0	240	33.3	529	73.2
Val d'Oise	75	6,964	275	39.5	222	31.9	498	71.5
Réunion	680	6,533	244	37.4	211	32.3	455	69.7

¹Only the local areas which count up more than 40 results are listed here.



3.9 - 305-d lactations - first lactations per local area and breed

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Ain	BRUNE	61	6,451	261	40.4	221	34.2	481	74.6
	SIMMENTAL	197	5,349	210	39.3	181	33.8	391	73.2
	CROSSBRED	669	6,722	270	40.2	221	32.8	491	73.0
	MONTBELIARDE	6,468	6,688	266	39.7	225	33.7	491	73.4
	PRIM'HOLSTEIN	2,369	8,049	319	39.6	259	32.2	578	71.9
Aisne	CROSSBRED	575	6,805	274	40.3	220	32.4	494	72.6
	MONTBELIARDE	183	6,205	250	40.3	208	33.6	458	73.9
	NORMANDE	130	5,014	204	40.6	166	33.1	370	73.8
	PRIM'HOLSTEIN	5,426	7,738	303	39.2	248	32.1	552	71.3
Allier	CROSSBRED	55	5,914	232	39.3	187	31.6	419	70.9
	MONTBELIARDE	127	5,627	226	40.2	192	34.1	418	74.3
	NORMANDE	66	5,996	254	42.3	206	34.3	459	76.6
	PRIM'HOLSTEIN	1,048	7,379	293	39.7	238	32.2	531	71.9
Alpes Hte Provence	MONTBELIARDE	108	5,381	204	38.0	176	32.7	380	70.6
Hautes Alpes	ABONDANCE	94	3,830	138	36.1	126	32.9	264	69.0
	TARENDAISE	82	3,651	138	37.8	121	33.2	259	71.0
	CROSSBRED	51	4,746	178	37.4	150	31.6	327	69.0
	MONTBELIARDE	321	5,260	204	38.7	169	32.2	373	70.9
	PRIM'HOLSTEIN	146	5,955	232	39.0	185	31.1	417	70.1
Ardèche	ABONDANCE	95	4,911	184	37.5	163	33.2	347	70.7
	CROSSBRED	122	5,517	221	40.1	182	32.9	403	73.0
	MONTBELIARDE	894	5,941	235	39.6	196	33.0	431	72.6
	PRIM'HOLSTEIN	266	7,426	286	38.5	236	31.8	522	70.2
Ardennes	CROSSBRED	444	6,208	246	39.6	200	32.2	446	71.8
	MONTBELIARDE	113	6,049	243	40.2	198	32.8	442	73.0
	PRIM'HOLSTEIN	3,410	7,416	291	39.2	239	32.2	529	71.4
Ariège	BRUNE	122	6,265	258	41.2	216	34.5	474	75.7
	CROSSBRED	41	5,855	227	38.8	183	31.3	410	70.1
	MONTBELIARDE	66	5,109	201	39.3	165	32.3	366	71.6
	PRIM'HOLSTEIN	536	7,596	297	39.1	243	32.0	540	71.1
Aube	BRUNE	110	6,559	266	40.6	225	34.3	491	74.9
	CROSSBRED	121	6,866	267	38.9	222	32.4	490	71.3
	MONTBELIARDE	110	6,385	249	38.9	212	33.2	461	72.1
	PRIM'HOLSTEIN	1,877	7,454	293	39.3	236	31.7	529	71.0
Aude	PRIM'HOLSTEIN	45	7,033	277	39.4	222	31.5	498	70.9

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Aveyron	BRUNE	654	6,064	256	42.2	208	34.3	464	76.5
	SIMMENTAL	786	5,119	202	39.5	173	33.7	375	73.2
	CROSSBRED	393	5,819	234	40.2	187	32.1	421	72.4
	MONTBELIARDE	897	5,867	231	39.3	194	33.1	425	72.5
	PRIM ¹ HOLSTEIN	7,150	7,067	280	39.6	226	32.0	506	71.7
Calvados	JERSIAISE	120	4,527	259	57.3	176	38.8	435	96.1
	BRUNE	43	5,611	228	40.7	190	33.9	419	74.7
	CROSSBRED	1,684	5,833	234	40.1	189	32.4	423	72.5
	MONTBELIARDE	215	6,056	245	40.4	202	33.4	447	73.8
	NORMANDE	3,503	5,455	226	41.5	188	34.4	414	75.8
	PRIM ¹ HOLSTEIN	11,279	7,362	291	39.5	237	32.2	528	71.7
Cantal	ABONDANCE	95	4,089	154	37.6	134	32.9	288	70.5
	JERSIAISE	94	3,754	193	51.5	135	36.0	328	87.5
	PIE ROUGE	44	4,944	204	41.2	160	32.4	364	73.6
	BRUNE	324	5,370	223	41.6	181	33.7	404	75.3
	SALERS	143	1,930	67	34.8	64	33.4	132	68.2
	SIMMENTAL	261	4,516	180	39.8	154	34.0	333	73.8
	CROSSBRED	891	5,350	208	39.0	172	32.1	380	71.1
	MONTBELIARDE	4,360	5,727	221	38.6	190	33.1	410	71.7
	NORMANDE	53	4,798	194	40.4	162	33.7	356	74.1
	PRIM ¹ HOLSTEIN	6,203	6,492	255	39.2	206	31.7	461	70.9
Charente	JERSIAISE	87	4,524	245	54.1	170	37.7	415	91.8
	CROSSBRED	105	5,415	230	42.5	177	32.7	407	75.2
	MONTBELIARDE	121	5,767	231	40.0	191	33.2	422	73.1
	NORMANDE	164	4,961	213	42.8	171	34.5	384	77.4
	PRIM ¹ HOLSTEIN	1,100	7,054	279	39.6	225	31.9	504	71.5
Charente Maritime	CROSSBRED	118	6,293	251	39.9	201	32.0	452	71.8
	MONTBELIARDE	100	5,882	234	39.8	194	33.0	428	72.8
	NORMANDE	82	5,701	236	41.3	195	34.2	431	75.6
	PRIM ¹ HOLSTEIN	2,159	7,436	292	39.3	238	32.0	530	71.3
Cher	CROSSBRED	169	6,479	263	40.7	210	32.5	474	73.1
	PRIM ¹ HOLSTEIN	891	7,172	288	40.1	230	32.1	518	72.2
Corrèze	CROSSBRED	68	5,540	223	40.3	179	32.3	402	72.6
	MONTBELIARDE	151	5,485	214	39.0	178	32.5	392	71.5
	PRIM ¹ HOLSTEIN	1,028	6,294	246	39.1	198	31.5	444	70.6
Côte d'Or	BRUNE	902	6,462	267	41.3	223	34.5	490	75.9
	SIMMENTAL	446	6,052	242	40.0	204	33.8	447	73.8
	CROSSBRED	140	6,125	242	39.5	200	32.6	441	72.1
	MONTBELIARDE	1,208	6,202	244	39.3	207	33.5	451	72.8
	PRIM ¹ HOLSTEIN	1,141	6,875	268	39.0	220	32.0	488	70.9

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Côtes d'Armor	JERSIAISE	44	4,378	246	56.1	168	38.4	414	94.5
	PIE ROUGE	382	6,108	257	42.1	202	33.1	459	75.2
	BRUNE	130	5,503	233	42.3	185	33.7	418	76.0
	CROSSBRED	1,097	6,408	258	40.3	204	31.8	462	72.2
	MONTBELIARDE	661	6,235	250	40.0	204	32.7	454	72.8
	NORMANDE	2,210	5,581	232	41.6	189	33.9	422	75.6
	PRIM·HOLSTEIN	27,805	7,319	288	39.4	231	31.6	519	71.0
Creuse	CROSSBRED	84	5,137	201	39.1	165	32.1	366	71.2
	MONTBELIARDE	83	5,292	209	39.5	174	32.9	383	72.4
	NORMANDE	46	4,031	163	40.4	132	32.7	295	73.1
	PRIM·HOLSTEIN	809	6,530	256	39.2	208	31.8	464	71.0
Dordogne	CROSSBRED	178	6,571	265	40.3	214	32.5	479	72.8
	MONTBELIARDE	201	6,190	250	40.3	206	33.3	456	73.6
	NORMANDE	46	4,744	188	39.7	158	33.3	346	72.9
	PRIM·HOLSTEIN	2,190	7,389	291	39.4	238	32.2	529	71.6
Doubs	SIMMENTAL	60	5,666	222	39.2	188	33.2	410	72.4
	CROSSBRED	359	6,204	243	39.1	201	32.4	444	71.5
	MONTBELIARDE	23,843	6,185	235	38.1	205	33.2	441	71.3
	PRIM·HOLSTEIN	597	7,578	296	39.1	246	32.4	542	71.5
Drôme	MONTBELIARDE	417	6,305	248	39.3	207	32.8	455	72.2
	PRIM·HOLSTEIN	350	8,301	326	39.3	272	32.8	599	72.1
Eure	CROSSBRED	440	6,119	247	40.3	203	33.1	449	73.4
	MONTBELIARDE	74	6,503	261	40.1	218	33.6	479	73.7
	NORMANDE	1,018	5,590	234	41.8	194	34.7	428	76.5
	PRIM·HOLSTEIN	3,346	7,534	300	39.9	245	32.5	545	72.3
Eure & Loir	NORMANDE	415	5,748	242	42.1	200	34.8	442	77.0
	PRIM·HOLSTEIN	1,104	7,710	313	40.6	251	32.5	564	73.1
Finistère	JERSIAISE	127	3,664	203	55.3	138	37.7	341	93.0
	PIE ROUGE	499	6,388	268	42.0	210	32.9	479	75.0
	BRUNE	119	5,705	240	42.1	190	33.2	430	75.3
	CROSSBRED	1,228	5,869	239	40.7	187	31.9	426	72.7
	MONTBELIARDE	188	5,923	238	40.2	192	32.4	430	72.6
	NORMANDE	738	5,228	218	41.7	176	33.6	394	75.3
	PRIM·HOLSTEIN	23,200	6,913	272	39.3	217	31.4	489	70.7
Haute Garonne	CROSSBRED	69	6,790	269	39.6	223	32.8	492	72.4
	MONTBELIARDE	245	5,697	222	39.0	190	33.3	412	72.3
	PRIM·HOLSTEIN	1,573	7,298	285	39.1	233	31.9	518	71.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Gers	CROSSBRED	60	5,242	208	39.6	169	32.2	376	71.8
	PRIM·HOLSTEIN	276	6,847	264	38.6	215	31.4	479	70.0
Gironde	CROSSBRED	59	5,747	228	39.7	188	32.8	416	72.4
	PRIM·HOLSTEIN	745	7,409	283	38.1	237	32.0	520	70.2
Ille & Vilaine	JERSIAISE	202	3,951	208	52.7	147	37.3	356	90.0
	PIE ROUGE	328	6,134	261	42.6	206	33.6	467	76.2
	BRUNE	108	6,003	255	42.5	202	33.6	457	76.1
	CROSSBRED	2,506	5,950	244	41.0	191	32.2	435	73.1
	MONTBELIARDE	1,638	6,062	243	40.1	201	33.1	444	73.2
	NORMANDE	4,217	5,572	233	41.9	190	34.1	423	75.9
	PRIM·HOLSTEIN	46,440	7,227	290	40.1	231	32.0	521	72.1
Indre	CROSSBRED	48	6,981	283	40.6	228	32.7	511	73.2
	PRIM·HOLSTEIN	1,184	7,573	302	39.9	245	32.4	547	72.2
Indre & Loire	CROSSBRED	159	6,298	261	41.4	203	32.2	464	73.7
	MONTBELIARDE	139	6,560	269	41.0	216	32.9	485	73.9
	NORMANDE	81	5,963	255	42.7	203	34.1	458	76.8
	PRIM·HOLSTEIN	3,427	7,845	315	40.2	254	32.3	569	72.5
Isère	ABONDANCE	121	4,773	177	37.2	158	33.0	335	70.2
	SIMMENTAL	105	5,918	249	42.1	199	33.6	448	75.6
	CROSSBRED	381	6,684	266	39.8	221	33.1	488	73.0
	MONTBELIARDE	3,404	6,663	266	39.9	223	33.4	489	73.3
	PRIM·HOLSTEIN	1,696	7,466	294	39.4	241	32.2	535	71.6
Jura	SIMMENTAL	360	5,658	224	39.7	191	33.8	416	73.4
	CROSSBRED	212	5,694	222	39.0	188	33.1	410	72.1
	MONTBELIARDE	13,216	6,170	231	37.4	204	33.0	435	70.5
	PRIM·HOLSTEIN	223	7,786	302	38.7	249	32.0	551	70.8
Landes	CROSSBRED	42	5,947	238	40.0	185	31.2	423	71.2
	PRIM·HOLSTEIN	1,131	7,389	293	39.6	234	31.7	527	71.3
Loir & Cher	CROSSBRED	43	7,250	299	41.3	238	32.9	537	74.1
	MONTBELIARDE	43	6,773	279	41.2	228	33.7	508	75.0
	NORMANDE	334	5,853	248	42.4	199	34.1	448	76.5
	PRIM·HOLSTEIN	2,195	7,690	309	40.1	248	32.2	556	72.3
Loire	BRUNE	75	5,939	246	41.4	202	34.0	448	75.5
	SIMMENTAL	91	6,276	257	40.9	214	34.1	471	75.0
	CROSSBRED	566	6,308	254	40.2	204	32.4	458	72.6
	MONTBELIARDE	4,416	6,415	258	40.3	215	33.6	474	73.8
	PRIM·HOLSTEIN	5,455	7,496	297	39.6	239	31.9	536	71.4

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Haute Loire	ABONDANCE	173	4,667	175	37.6	157	33.6	332	71.2
	BRUNE	71	5,854	241	41.2	196	33.5	438	74.8
	TARENTEISE	46	4,768	192	40.3	165	34.6	357	74.9
	CROSSBRED	734	6,146	251	40.9	202	32.8	453	73.7
	MONTBELIARDE	6,791	6,287	253	40.2	211	33.6	464	73.7
	PRIM'HOLSTEIN	2,995	7,193	290	40.3	232	32.2	522	72.5
Loire Atlantique	JERSIAISE	109	3,651	200	54.8	135	37.1	336	91.9
	PIE ROUGE	106	6,468	286	44.3	227	35.1	513	79.3
	BRUNE	77	5,168	214	41.5	170	32.9	384	74.4
	SIMMENTAL	84	4,784	201	42.0	160	33.5	361	75.5
	CROSSBRED	1,023	5,697	233	41.0	184	32.3	417	73.2
	MONTBELIARDE	927	6,223	251	40.3	204	32.8	455	73.1
	NORMANDE	2,196	5,533	231	41.7	188	34.0	419	75.7
	PRIM'HOLSTEIN	23,254	7,226	292	40.5	232	32.1	525	72.6
Loiret	CROSSBRED	123	6,707	270	40.2	216	32.2	485	72.4
	MONTBELIARDE	74	6,420	259	40.3	213	33.1	471	73.4
	PRIM'HOLSTEIN	1,606	7,568	303	40.0	243	32.0	545	72.0
Lot	CROSSBRED	150	6,219	247	39.8	200	32.2	448	72.0
	MONTBELIARDE	208	6,362	254	39.9	211	33.1	464	73.0
	PRIM'HOLSTEIN	2,017	7,173	286	39.9	229	31.9	515	71.8
Lot & Garonne	CROSSBRED	175	6,144	251	40.8	197	32.0	448	72.9
	NORMANDE	47	5,176	219	42.2	176	34.0	395	76.3
	PRIM'HOLSTEIN	1,487	7,418	293	39.5	235	31.7	528	71.2
Lozère	ABONDANCE	67	3,820	147	38.5	127	33.3	274	71.8
	BRUNE	236	5,607	223	39.8	185	33.1	409	72.9
	SIMMENTAL	162	4,814	187	38.9	163	33.8	350	72.7
	MONTBELIARDE	1,097	5,529	212	38.3	182	32.9	394	71.2
	PRIM'HOLSTEIN	285	6,687	256	38.3	210	31.3	466	69.7
Maine & Loire	JERSIAISE	713	4,193	230	54.8	160	38.2	390	93.0
	BRUNE	171	6,620	289	43.7	230	34.8	519	78.5
	SIMMENTAL	47	4,925	209	42.4	164	33.3	373	75.6
	CROSSBRED	682	6,504	273	42.0	213	32.8	486	74.8
	MONTBELIARDE	1,094	6,066	244	40.2	201	33.2	445	73.4
	NORMANDE	1,027	5,677	242	42.6	195	34.4	437	77.0
	PRIM'HOLSTEIN	16,817	7,548	311	41.2	245	32.5	556	73.6

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Manche	JERSAISE	330	3,702	207	56.0	140	37.9	347	93.8
	PIE ROUGE	101	6,486	275	42.4	214	32.9	488	75.3
	BRUNE	99	6,120	255	41.6	210	34.4	465	76.0
	SIMMENTAL	51	5,347	235	43.9	182	34.1	417	78.0
	CROSSBRED	3,188	6,211	251	40.4	204	32.8	455	73.2
	MONTBELIARDE	395	6,409	256	39.9	214	33.5	470	73.4
	NORMANDE	12,848	5,635	237	42.0	194	34.5	431	76.5
	PRIM'HOLSTEIN	26,204	7,515	296	39.4	242	32.2	538	71.6
Marne	CROSSBRED	61	6,688	259	38.7	214	32.0	473	70.7
	PRIM'HOLSTEIN	1,177	7,826	300	38.4	251	32.1	552	70.5
Haute Marne	JERSAISE	69	4,101	223	54.5	155	37.7	378	92.2
	BRUNE	209	5,876	238	40.5	200	34.1	438	74.6
	SIMMENTAL	653	5,946	240	40.4	205	34.6	445	74.9
	CROSSBRED	407	6,679	271	40.6	223	33.4	495	74.1
	MONTBELIARDE	1,804	6,712	265	39.4	228	34.0	493	73.5
	PRIM'HOLSTEIN	4,819	7,734	300	38.8	252	32.5	552	71.4
Mayenne	JERSAISE	266	4,250	238	55.9	161	37.8	398	93.8
	BRUNE	136	6,332	265	41.8	214	33.8	479	75.6
	SIMMENTAL	77	6,280	259	41.2	204	32.4	462	73.6
	CROSSBRED	1,772	6,320	259	41.1	207	32.8	467	73.9
	MONTBELIARDE	1,748	6,319	255	40.3	211	33.4	466	73.8
	NORMANDE	7,698	5,762	243	42.1	199	34.5	441	76.6
	PRIM'HOLSTEIN	27,308	7,376	298	40.4	237	32.2	536	72.6
Meurthe & Moselle	BRUNE	63	6,181	258	41.7	211	34.1	469	75.8
	CROSSBRED	601	6,412	256	39.9	206	32.1	462	72.0
	MONTBELIARDE	311	6,176	252	40.7	203	32.8	454	73.6
	PRIM'HOLSTEIN	6,420	7,403	291	39.4	234	31.7	526	71.0
Meuse	BRUNE	85	6,667	282	42.2	227	34.0	509	76.3
	SIMMENTAL	75	6,793	288	42.4	235	34.6	523	77.0
	CROSSBRED	377	6,585	266	40.4	216	32.7	481	73.1
	MONTBELIARDE	214	6,152	244	39.6	202	32.9	446	72.5
	PRIM'HOLSTEIN	7,498	7,754	303	39.1	250	32.2	553	71.3
Morbihan	JERSAISE	45	4,757	250	52.5	176	37.0	426	89.5
	PIE ROUGE	733	6,284	266	42.3	212	33.7	478	76.1
	SIMMENTAL	61	6,316	264	41.8	217	34.3	481	76.1
	CROSSBRED	675	6,122	250	40.8	200	32.6	449	73.4
	MONTBELIARDE	685	6,416	256	39.8	211	33.0	467	72.8
	NORMANDE	1,068	5,419	226	41.6	183	33.8	409	75.5
	PRIM'HOLSTEIN	24,072	7,329	292	39.9	234	32.0	526	71.8

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Moselle	BRUNE	59	6,574	275	41.8	226	34.3	501	76.1
	CROSSBRED	948	6,654	269	40.4	218	32.7	486	73.1
	MONTBELIARDE	411	6,067	245	40.4	200	33.0	445	73.4
	PRIM'HOLSTEIN	8,351	7,516	299	39.8	243	32.4	543	72.2
Nièvre	PRIM'HOLSTEIN	244	7,589	287	37.8	237	31.2	524	69.0
Nord	BRUNE	66	7,003	296	42.3	244	34.8	540	77.1
	CROSSBRED	1,503	6,822	269	39.5	218	32.0	487	71.4
	MONTBELIARDE	517	6,667	266	39.8	220	33.0	486	72.9
	BLEUE DU NORD	146	4,174	156	37.4	133	32.0	290	69.4
	ROUGE FLAMANDE	148	4,921	193	39.3	161	32.7	354	72.0
	PRIM'HOLSTEIN	14,432	7,823	309	39.5	249	31.8	558	71.3
Oise	CROSSBRED	230	7,246	288	39.8	236	32.6	524	72.3
	MONTBELIARDE	90	6,631	263	39.6	215	32.5	478	72.1
	NORMANDE	110	6,355	269	42.3	228	35.8	497	78.2
	PRIM'HOLSTEIN	3,056	7,472	297	39.7	240	32.1	536	71.8
Orne	JERSIAISE	88	4,676	253	54.2	174	37.1	427	91.3
	BRUNE	54	5,592	239	42.7	188	33.6	427	76.3
	CROSSBRED	1,519	6,135	250	40.8	202	32.8	452	73.6
	MONTBELIARDE	233	6,263	252	40.2	211	33.7	463	74.0
	NORMANDE	8,440	5,677	240	42.3	198	34.8	438	77.1
	PRIM'HOLSTEIN	13,777	7,535	305	40.5	245	32.5	549	72.9
Pas de Calais	BRUNE	97	6,545	272	41.6	227	34.6	499	76.2
	CROSSBRED	886	7,288	285	39.0	234	32.0	518	71.1
	MONTBELIARDE	255	6,740	265	39.3	221	32.8	486	72.1
	NORMANDE	65	5,813	248	42.7	192	33.0	440	75.7
	ROUGE FLAMANDE	67	4,478	175	39.0	145	32.3	319	71.3
	PRIM'HOLSTEIN	13,460	7,863	302	38.4	249	31.7	551	70.1
Puy de Dôme	ABONDANCE	162	4,634	171	36.9	157	33.8	328	70.7
	JERSIAISE	77	4,112	204	49.6	148	36.0	352	85.6
	BRUNE	131	5,544	222	40.0	187	33.7	409	73.7
	SALERS	44	2,615	96	36.9	86	33.0	183	69.8
	SIMMENTAL	85	5,686	222	39.1	190	33.5	412	72.5
	CROSSBRED	861	5,752	226	39.2	186	32.3	411	71.5
	MONTBELIARDE	3,434	5,954	232	39.0	197	33.1	429	72.1
	NORMANDE	83	4,685	186	39.8	154	32.9	340	72.6
	PRIM'HOLSTEIN	5,868	6,675	259	38.7	211	31.6	469	70.3

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Pyrénées Atlantiques	BRUNE	66	5,935	233	39.3	201	33.9	434	73.2
	CROSSBRED	146	6,353	255	40.2	207	32.5	462	72.7
	MONTBELIARDE	288	6,306	245	38.8	211	33.4	455	72.2
	PRIM'HOLSTEIN	3,030	7,989	308	38.5	255	31.9	563	70.5
Hautes Pyrénées	CROSSBRED	40	6,675	247	36.9	212	31.8	459	68.7
	MONTBELIARDE	74	5,850	232	39.6	196	33.4	427	73.0
	PRIM'HOLSTEIN	699	7,977	303	38.0	257	32.2	560	70.2
Bas Rhin	JERSIAISE	54	4,481	240	53.6	169	37.6	409	91.3
	SIMMENTAL	256	6,120	250	40.9	206	33.7	456	74.6
	CROSSBRED	374	7,031	282	40.1	230	32.7	511	72.7
	MONTBELIARDE	333	6,823	278	40.8	232	34.0	510	74.7
	PRIM'HOLSTEIN	6,887	8,271	326	39.5	269	32.6	596	72.0
Haut Rhin	CROSSBRED	342	6,163	250	40.5	202	32.7	451	73.2
	MONTBELIARDE	1,124	6,576	265	40.3	220	33.5	485	73.8
	VOSGIENNE	145	3,456	132	38.2	112	32.3	244	70.5
	PRIM'HOLSTEIN	2,184	7,619	299	39.3	244	32.0	543	71.3
Rhône	CROSSBRED	372	6,221	250	40.2	201	32.3	451	72.5
	MONTBELIARDE	2,958	6,347	253	39.9	212	33.4	465	73.3
	PRIM'HOLSTEIN	2,171	7,506	299	39.9	241	32.1	540	72.0
Haute Saône	BRUNE	55	5,882	241	41.1	198	33.7	440	74.8
	CROSSBRED	481	6,284	246	39.2	207	33.0	453	72.1
	MONTBELIARDE	7,323	6,502	254	39.1	219	33.7	473	72.8
	PRIM'HOLSTEIN	1,708	7,429	288	38.8	240	32.3	528	71.1
Saône & Loire	SIMMENTAL	57	6,884	281	40.8	230	33.4	511	74.2
	CROSSBRED	177	6,435	259	40.2	212	33.0	471	73.2
	MONTBELIARDE	3,708	6,687	268	40.1	227	33.9	495	74.0
	PRIM'HOLSTEIN	1,047	7,591	301	39.6	245	32.3	546	71.9
Sarthe	JERSIAISE	75	4,162	224	53.8	157	37.8	381	91.6
	BRUNE	43	5,668	247	43.6	197	34.8	445	78.4
	CROSSBRED	617	6,145	253	41.1	203	33.0	455	74.1
	MONTBELIARDE	684	6,474	263	40.6	217	33.5	480	74.1
	NORMANDE	2,153	5,750	247	42.9	201	35.0	448	77.9
	PRIM'HOLSTEIN	11,926	7,566	305	40.3	247	32.7	552	73.0
Savoie	ABONDANCE	1,901	4,301	156	36.3	140	32.6	296	68.9
	TARENTEISE	2,012	3,933	146	37.2	128	32.7	275	69.8
	CROSSBRED	149	4,537	173	38.2	150	33.0	323	71.2
	MONTBELIARDE	1,977	6,347	242	38.2	212	33.5	455	71.6
	PRIM'HOLSTEIN	73	7,001	264	37.8	226	32.2	490	70.0

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Haute Savoie	ABONDANCE	3,089	5,096	185	36.3	170	33.4	355	69.7
	TARENTEISE	150	3,949	148	37.4	132	33.4	279	70.8
	SIMMENTAL	41	6,027	233	38.6	215	35.7	448	74.3
	CROSSBRED	119	6,114	225	36.8	200	32.6	425	69.4
	MONTBELIARDE	6,167	6,517	245	37.5	218	33.4	463	71.0
	PRIM·HOLSTEIN	610	7,906	294	37.2	251	31.7	545	69.0
Seine Maritime	PIE ROUGE	266	6,169	262	42.5	211	34.2	473	76.7
	CROSSBRED	1,887	6,493	259	39.8	212	32.6	470	72.5
	MONTBELIARDE	354	6,434	256	39.8	215	33.4	471	73.2
	NORMANDE	4,023	5,769	238	41.3	200	34.7	438	76.0
	PRIM·HOLSTEIN	9,823	7,591	299	39.3	244	32.1	542	71.5
Seine & Marne	PRIM·HOLSTEIN	817	7,878	309	39.2	250	31.7	558	70.9
Yvelines	PRIM·HOLSTEIN	477	8,587	341	39.8	277	32.2	618	72.0
Deux Sèvres	JERSIAISE	104	4,620	253	54.8	177	38.3	430	93.1
	CROSSBRED	178	7,396	296	40.0	241	32.5	537	72.6
	MONTBELIARDE	318	6,435	252	39.2	214	33.2	466	72.4
	NORMANDE	161	5,501	223	40.6	187	33.9	410	74.6
	PRIM·HOLSTEIN	6,135	7,969	319	40.1	260	32.7	580	72.8
Somme	CROSSBRED	665	7,186	284	39.5	234	32.5	518	72.0
	MONTBELIARDE	191	6,432	256	39.8	215	33.4	470	73.1
	NORMANDE	145	6,206	261	42.0	215	34.6	475	76.6
	PRIM·HOLSTEIN	7,747	7,930	308	38.9	253	31.9	561	70.8
Tarn	BRUNE	81	5,386	226	42.1	179	33.2	405	75.2
	CROSSBRED	154	5,817	232	39.8	186	32.0	418	71.8
	MONTBELIARDE	115	5,696	225	39.6	184	32.4	410	71.9
	PRIM·HOLSTEIN	2,359	7,086	278	39.2	225	31.8	503	71.0
Tarn & Garonne	CROSSBRED	77	5,935	258	43.5	190	32.1	449	75.6
	MONTBELIARDE	72	5,120	205	40.0	166	32.5	371	72.5
	PRIM·HOLSTEIN	799	6,653	265	39.8	209	31.4	474	71.2
Vendée	JERSIAISE	141	3,592	193	53.7	130	36.1	323	89.8
	BRUNE	71	6,467	280	43.3	225	34.8	505	78.1
	SIMMENTAL	40	5,789	243	41.9	199	34.4	442	76.3
	CROSSBRED	509	6,223	255	41.0	201	32.3	456	73.3
	MONTBELIARDE	722	6,574	263	39.9	220	33.5	483	73.4
	NORMANDE	568	5,542	231	41.7	192	34.6	423	76.3
	PRIM·HOLSTEIN	16,269	7,772	315	40.6	249	32.0	564	72.6

¹Only the breeds with more than 40 results are listed here.



305-d lactations - first lactations per local area and breed (cont.)

Local area	Breed ¹	Number of lactations	Milk yield kg	Fat content kg	Fat % g/kg	True protein content kg	True protein % g/kg	Fat+true protein content kg	Fat+true protein % g/kg
Vienne	CROSSBRED	120	6,716	282	41.9	219	32.6	500	74.5
	MONTBELIARDE	90	5,697	223	39.1	192	33.7	415	72.9
	NORMANDE	61	5,498	235	42.7	187	34.0	422	76.7
	PRIM'HOLSTEIN	1,722	7,570	304	40.2	246	32.5	550	72.6
Haute Vienne	CROSSBRED	68	5,568	232	41.6	182	32.7	414	74.3
	MONTBELIARDE	63	5,448	218	40.1	184	33.8	403	73.9
	NORMANDE	137	4,653	198	42.6	156	33.4	354	76.1
	PRIM'HOLSTEIN	1,077	7,147	281	39.4	229	32.1	511	71.5
Vosges	BRUNE	53	6,393	261	40.8	213	33.4	474	74.1
	SIMMENTAL	193	6,064	248	40.9	204	33.6	452	74.5
	CROSSBRED	875	6,255	253	40.5	201	32.2	455	72.7
	MONTBELIARDE	2,758	6,313	252	39.9	210	33.2	462	73.1
	VOSGIENNE	107	2,912	112	38.3	93	31.9	204	70.2
	PRIM'HOLSTEIN	9,099	7,329	288	39.3	236	32.2	523	71.4
Yonne	BRUNE	44	5,569	231	41.5	185	33.2	416	74.7
	CROSSBRED	183	7,012	283	40.3	228	32.6	511	72.9
	MONTBELIARDE	189	6,458	259	40.1	215	33.3	475	73.5
	PRIM'HOLSTEIN	2,376	7,750	309	39.9	248	31.9	557	71.8
Territoire de Belfort	CROSSBRED	56	6,164	253	41.1	204	33.1	457	74.2
	MONTBELIARDE	603	7,012	280	39.9	237	33.9	517	73.7
	PRIM'HOLSTEIN	500	7,613	303	39.8	248	32.6	551	72.3
Val d'Oise	PRIM'HOLSTEIN	75	6,964	275	39.5	222	31.9	498	71.5
Réunion	CROSSBRED	92	6,147	231	37.6	200	32.6	431	70.1
	MONTBELIARDE	47	6,458	247	38.3	213	33.0	460	71.3
	PRIM'HOLSTEIN	502	6,665	247	37.1	213	31.9	460	69.0

¹Only the breeds with more than 40 results are listed here.



IV - SOMATIC CELLS COUNT RESULTS PER LOCAL AREA

Local area ¹	All test-dates with cell count < 300,000		Intermediate somatic cell counts		At least 2 test-dates with cell count >= 800,000		Total lactations
	Nb	%	Nb	%	Nb	%	
Ain	16,088	51.0	11,554	36.6	3,926	12.4	31,568
Aisne	8,624	51.1	6,204	36.8	2,044	12.1	16,872
Allier	1,765	44.6	1,543	39.0	648	16.4	3,956
Alpes Hte Provence	336	59.8	166	29.5	60	10.7	562
Hautes Alpes	1,282	53.6	857	35.8	254	10.6	2,393
Alpes Maritimes	61	48.4	50	39.7	15	11.9	126
Ardèche	2,713	48.5	2,085	37.3	796	14.2	5,594
Ardennes	6,140	51.7	4,428	37.3	1,316	11.1	11,884
Ariège	926	36.7	1,122	44.5	476	18.9	2,524
Aube	2,614	41.7	2,626	41.9	1,025	16.4	6,265
Aude	104	35.5	128	43.7	61	20.8	293
Aveyron	16,986	51.9	11,695	35.7	4,035	12.3	32,716
Calvados	25,086	52.3	17,249	35.9	5,654	11.8	47,989
Cantal	23,983	53.8	15,645	35.1	4,940	11.1	44,568
Charente	2,295	46.6	1,902	38.6	727	14.8	4,924
Charente Maritime	3,454	47.7	2,672	36.9	1,120	15.5	7,246
Cher	1,433	44.7	1,283	40.0	491	15.3	3,207
Corrèze	2,034	44.9	1,842	40.6	656	14.5	4,532
Côte d'Or	5,014	43.1	4,938	42.4	1,693	14.5	11,645
Côtes d'Armor	54,151	56.0	32,360	33.5	10,132	10.5	96,643
Creuse	1,415	44.5	1,311	41.3	452	14.2	3,178
Dordogne	3,676	42.0	3,579	40.9	1,497	17.1	8,752
Doubs	53,204	64.7	23,558	28.7	5,455	6.6	82,217
Drôme	1,219	44.2	1,111	40.3	425	15.4	2,755
Eure	6,491	47.7	5,256	38.7	1,847	13.6	13,594
Eure & Loir	2,165	48.1	1,719	38.2	619	13.7	4,503
Finistère	46,792	57.3	26,662	32.7	8,144	10.0	81,598
Haute Garonne	2,354	38.9	2,558	42.3	1,140	18.8	6,052
Gers	407	36.5	501	44.9	207	18.6	1,115
Gironde	1,030	36.5	1,198	42.5	592	21.0	2,820
Hérault	26	31.0	40	47.6	18	21.4	84
Ille & Vilaine	89,947	55.8	53,922	33.4	17,468	10.8	161,337
Indre	1,795	51.1	1,238	35.2	480	13.7	3,513
Indre & Loire	6,053	53.8	3,831	34.1	1,364	12.1	11,248
Isère	9,039	50.8	6,325	35.5	2,443	13.7	17,807
Jura	25,344	55.4	15,505	33.9	4,858	10.6	45,707
Landes	1,666	46.3	1,417	39.4	512	14.2	3,595
Loir & Cher	3,943	52.8	2,579	34.6	942	12.6	7,464
Loire	18,603	55.1	11,633	34.5	3,521	10.4	33,757
Haute Loire	19,462	52.0	13,514	36.1	4,473	11.9	37,449
Loire Atlantique	47,309	58.4	25,347	31.3	8,342	10.3	80,998
Loiret	1,971	40.9	2,011	41.7	840	17.4	4,822
Lot	3,650	47.4	2,904	37.7	1,153	15.0	7,707
Lot & Garonne	2,128	37.4	2,475	43.5	1,091	19.2	5,694
Lozère	3,726	52.0	2,658	37.1	786	11.0	7,170
Maine & Loire	33,003	57.4	18,571	32.3	5,877	10.2	57,451
Manche	65,782	53.9	42,151	34.5	14,173	11.6	122,106

¹Only the local areas which count up more than 40 results are listed here.



IV - SOMATIC CELLS COUNT RESULTS PER LOCAL AREA

Local area ¹	All test-dates with cell count < 300,000		Intermediate somatic cell counts		At least 2 test-dates with cell count >= 800,000		Total lactations
	Nb	%	Nb	%	Nb	%	
Marne	1,816	50.3	1,390	38.5	405	11.2	3,611
Haute Marne	12,654	54.6	8,025	34.6	2,510	10.8	23,189
Mayenne	58,265	55.4	35,348	33.6	11,563	11.0	105,176
Meurthe & Moselle	11,799	53.8	7,735	35.3	2,407	11.0	21,941
Meuse	13,575	57.6	7,574	32.1	2,429	10.3	23,578
Morbihan	50,373	59.6	26,019	30.8	8,158	9.6	84,550
Moselle	14,928	52.9	10,000	35.4	3,311	11.7	28,239
Nièvre	303	37.2	355	43.6	157	19.3	815
Nord	24,439	55.1	15,454	34.9	4,433	10.0	44,326
Oise	4,772	51.0	3,440	36.8	1,141	12.2	9,353
Orne	35,554	52.8	24,325	36.1	7,467	11.1	67,346
Pas de Calais	19,725	51.7	13,802	36.2	4,622	12.1	38,149
Puy de Dôme	17,890	49.9	13,624	38.0	4,323	12.1	35,837
Pyrénées Atlantiques	5,219	48.3	4,109	38.0	1,474	13.6	10,802
Hautes Pyrénées	1,251	47.3	1,043	39.4	353	13.3	2,647
Pyrénées Orientales	66	34.6	93	48.7	32	16.8	191
Bas Rhin	12,997	57.2	7,441	32.8	2,269	10.0	22,707
Haut Rhin	5,968	49.0	4,565	37.5	1,652	13.6	12,185
Rhône	9,891	51.1	7,142	36.9	2,341	12.1	19,374
Haute Saône	16,179	52.8	10,977	35.8	3,512	11.5	30,668
Saône & Loire	7,373	48.3	5,839	38.3	2,044	13.4	15,256
Sarthe	22,032	53.8	14,161	34.6	4,776	11.7	40,969
Savoie	11,531	50.5	8,836	38.7	2,453	10.7	22,820
Haute Savoie	21,512	59.4	11,941	33.0	2,733	7.6	36,186
Seine Maritime	21,668	48.8	17,024	38.4	5,696	12.8	44,388
Seine & Marne	1,171	45.2	992	38.3	425	16.4	2,588
Yvelines	654	48.1	543	39.9	163	12.0	1,360
Deux Sèvres	10,793	54.4	6,578	33.2	2,453	12.4	19,824
Somme	10,959	49.4	8,309	37.4	2,935	13.2	22,203
Tarn	3,824	43.7	3,610	41.3	1,317	15.0	8,751
Tarn & Garonne	1,193	38.6	1,317	42.6	578	18.7	3,088
Vendée	27,594	56.1	15,939	32.4	5,614	11.4	49,147
Vienne	2,832	48.1	2,251	38.3	801	13.6	5,884
Haute Vienne	1,834	44.0	1,745	41.8	591	14.2	4,170
Vosges	20,827	53.8	13,698	35.4	4,213	10.9	38,738
Yonne	3,552	44.7	3,039	38.3	1,347	17.0	7,938
Territoire de Belfort	1,743	48.0	1,353	37.3	532	14.7	3,628
Val d'Oise	81	42.9	70	37.0	38	20.1	189
Réunion	969	42.5	891	39.1	418	18.3	2,278
France	1,117,095	54.1	714,520	34.6	232,474	11.3	2,064,089

¹Only the local areas which count up more than 40 results are listed here.



Milk recording results - Goats France – Year 2021

*Source of pictures:
Institut de l'Elevage
CAPGENES
ADDCP
Association La chèvre de race Pyrénéenne
Damien Hardy - la Chèvre*

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Data processing

The French Livestock Institute calculated and processed goat milk recording annual results from data extracted from the goat national database (extraction performed on 4 March 2022).

In paragraph 1.1.1, the number of « active » goats refers to goats that belong to a herd with active MR contract and for which at least one milk record has been registered throughout the year.

In paragraph 1.1.2, the number of « active » herds refers to herds with at least one active goat taken into account over the year 2021.

One lactation per « active » goat, the last terminated one, is taken into account in the process (under condition of kidding date after January 1st, 2018). Because of the application of these conditions, the results presented in this report do not include primiparous goats having their lactation still on-going.

These selected lactations can be qualified or not.

Non-qualified lactations are taken into account only for calculation of the number of terminated lactations (see paragraph 1.2 and column « Terminated lactations » of table 1.4).

Calculated results (from the paragraph 1.3) refer only to **qualified lactations**.

The distribution of these lactations per year of kidding and of drying off is presented in the table 1.3.1.

In table 3.1.3, average age at 1st kidding is calculated for a breed only when the total of lactations exceeds 40 at national level.

In table 5.3, the milk recording protocol applied for a given lactation is in accordance with the current French guidelines for goat milk recording: « *when milk recording protocol changes for a herd, for example from A to AZ, CZ or AT, the on-going lactations are calculated and qualified according to the protocol which gives less accurate information (AT < CZ < AZ < A)* ».

Herds taken into account are those for which lactation results are available, in accordance with the rules previously given.



Trends for 2021

The number of qualified lactations is slightly increasing in 2021 to reach 235.778 lactations (+ 2.863 lactations, +1.2 %). At the same time, the number of flocks is slightly decreasing to reach 1,457 flocks (-1.1%).

The two main breeds (Alpine and Saanen) represent henceforth 96.5% of the total of qualified lactations.

The proportion of primiparous dairy goats is slightly increasing and reaches 36 % (+0.5%), confirming the trend observed since 2018 (+0.8% in 2019, +1.7% in 2020).

The milk yield reach 992 Kg per lactation (+3Kg). The lactation duration is stable at 321 days, confirming the increase observed for a few years (298 days in 2014). Meanwhile true-protein and fat rates are still increasing and reaches respectively 33.6 g/Kg (+0.2) and 37.7 g/Kg (+0.1).



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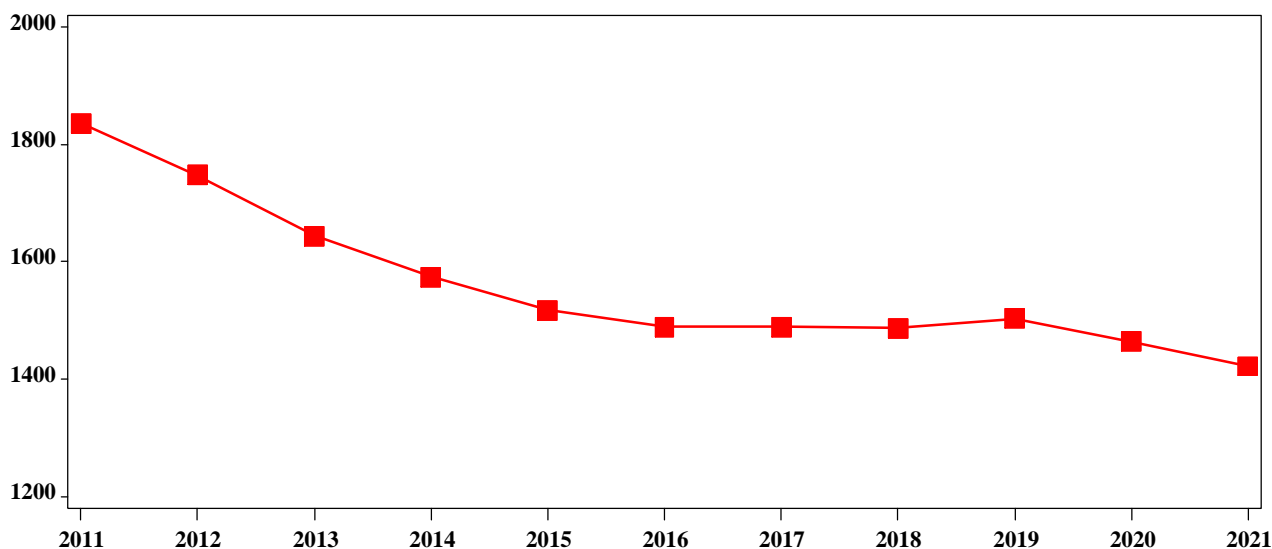


I - NATIONAL RESULTS

1.1 - Overall milk recorded population

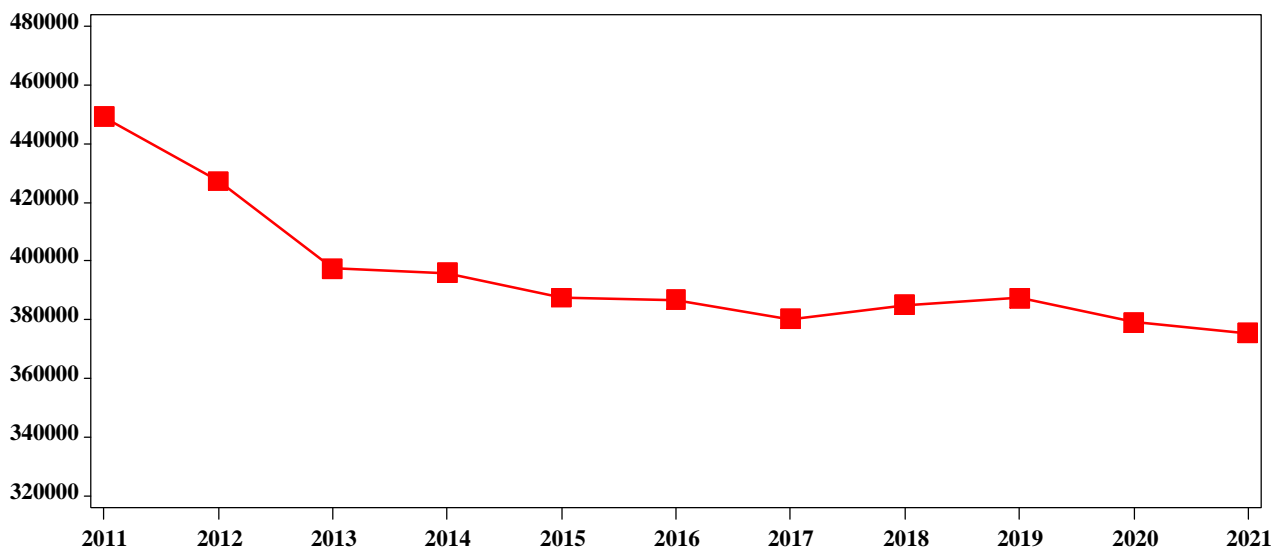
1.1.1 - Total number of active herds in 2021*

1,422 herds



1.1.2 - Total number of active goats in 2021*

375,492 goats



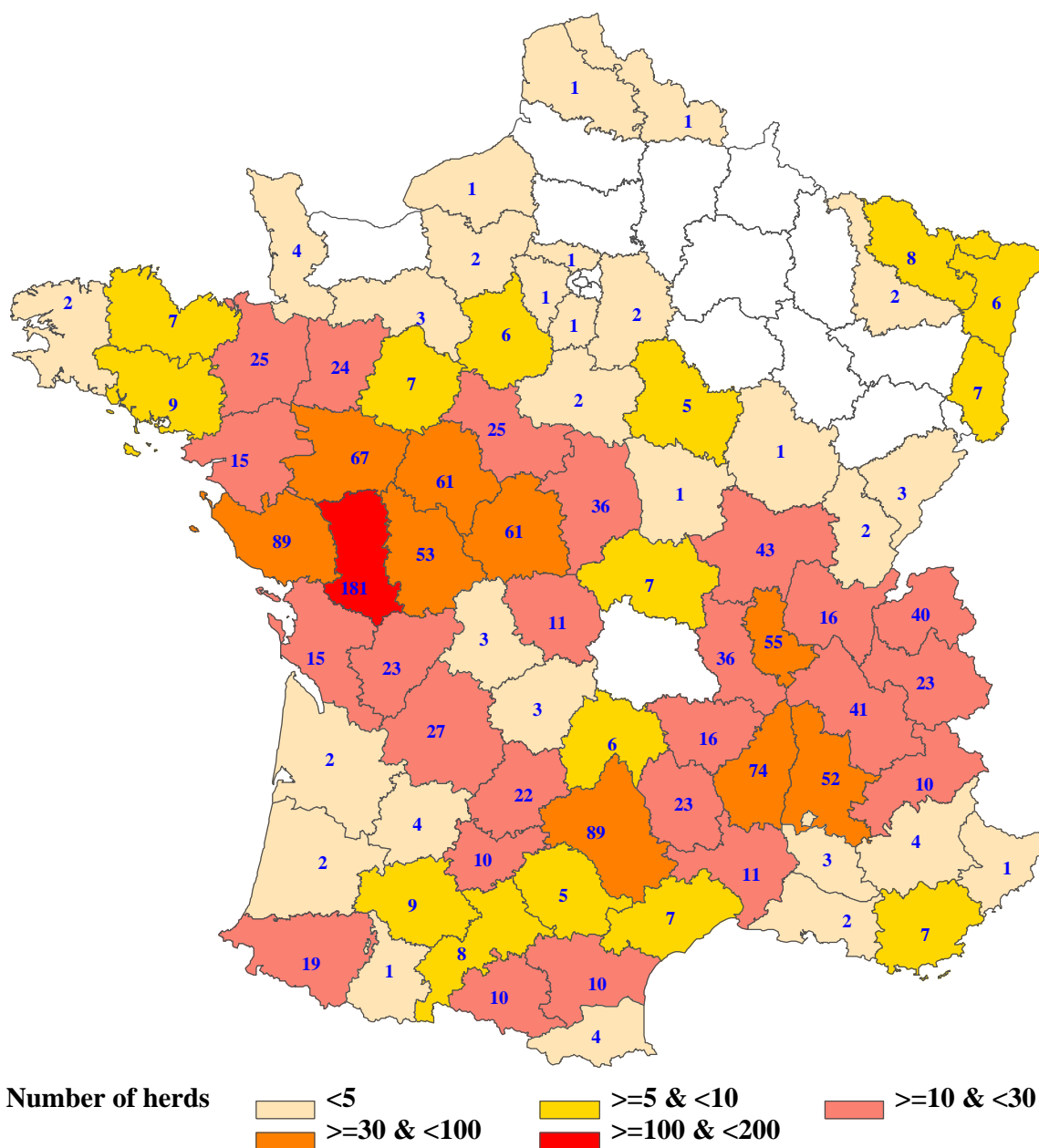
* For information about how the number of « active herds » and « active goats » is calculated, refer to « Data processing » paragraph (cf. page 2).



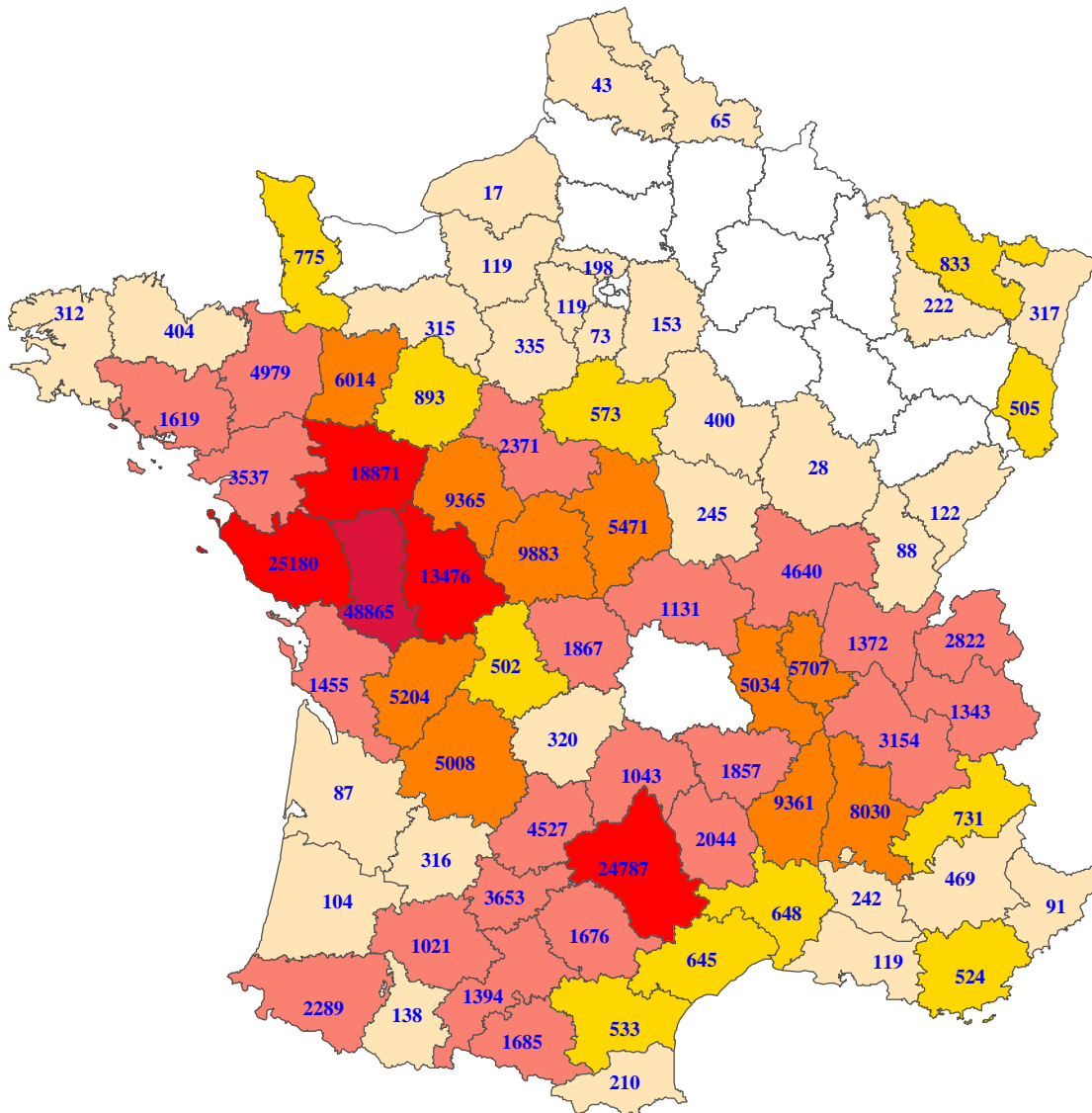
1.2 - Terminated lactations

Total number of herds with terminated lactations	1,476
Total number of terminated lactations	264,568
Average number of terminated lactations per herd	179.2
Total number of herds with qualified lactations	1,457
Total number of herds with qualified lactations	235,778

Distribution of herds (with terminated lactations) per local area (= French « département »)



Distribution of terminated lactations per local area



Number of lactations



1.3 - Qualified Lactations

1.3.1 - Distribution of qualified lactations per year of kidding and of drying off

Year of kidding	Year of drying off								Total	
	2018		2019		2020		2021			
	Nb	%	Nb	%	Nb	%	Nb	%	Nb	%
2018	221	0.1	621	0.3	1,591	0.7	980	0.4	3,413	1.4
2019			1,784	0.8	18,756	8.0	6,162	2.6	26,702	11.3
2020					26,873	11.4	72,673	30.8	99,546	42.2
2021							106,117	45.0	106,117	45.0
Total	221	0.1	2,405	1.0	47,220	20.0	185,932	78.9	235,778	100

For example: 106,117 qualified lactations (that is to say 45.0 % of the overall total) match the following criteria: a calving date and a drying off date in 2021.

1.3.2 - Results of the campaign

Parity		First lactations	Lactations 2 and over	Overall total
Number of lactations	kg	84,775	151,003	235,778
Lactation duration	days	334	313	321
Milk yield	kg	963	1,008	992
True protein content	kg	32.4	33.8	33.3
True protein ‰	g/kg	33.7	33.5	33.6
Fat content	kg	37.2	37.5	37.4
Fat ‰	g/kg	38.6	37.2	37.7

1.4 - Reminder of previous campaigns

Year	Terminated lactations	Qualified lactations	Lactation duration days	Milk yield g/kg	True protein content kg	True protein ‰ g/kg	Fat content kg	Fat ‰ g/kg
2012	342,698	299,709	303	946	30.6	32.4	34.7	36.7
2013	316,119	282,516	299	907	29.5	32.6	33.5	36.9
2014	306,246	274,541	298	910	29.8	32.7	33.4	36.7
2015	297,973	262,854	301	925	30.3	32.7	33.9	36.7
2016	298,734	264,040	303	949	31.2	32.9	35.1	37.0
2017	280,306	250,121	312	953	31.4	33.0	35.3	37.0
2018	283,232	256,095	319	964	31.8	33.0	35.8	37.1
2019	274,956	249,579	318	963	32.0	33.2	36.1	37.5
2020	270,784	232,915	321	989	33.0	33.4	37.1	37.6
2021	264,568	235,778	321	992	33.3	33.6	37.4	37.7



II - RESULTS ACCORDING TO VARIATION FACTORS

2.1 - Results per parity

Parity	Lactations		Lactation duration	Milk yield	True protein ‰	Fat ‰
	<i>Nb</i>	%	<i>days</i>	<i>kg</i>	<i>g/kg</i>	<i>g/kg</i>
1	84,775	36.0	334	963	33.7	38.6
2	62,567	26.5	321	1,048	33.8	37.6
3	40,051	17.0	313	1,031	33.6	37.1
4	23,874	10.1	307	984	33.3	36.8
5	12,531	5.3	302	939	33.1	36.6
6	6,462	2.7	297	885	32.8	36.6
7	3,163	1.3	294	834	32.7	36.8
8 and over	2,355	1.0	289	766	32.4	36.7
Overall total	235,778	100	321	992	33.6	37.7

2.2 - Results according to the herd size

Herd size	Herds		Lactations		Lactation duration	Milk yield	True protein ‰	Fat ‰
	<i>Nb</i>	%	<i>Nb</i>	%	<i>days</i>	<i>kg</i>	<i>g/kg</i>	<i>g/kg</i>
>=1 & <50	307	21.1	7,691	3.3	297	811	33.6	37.4
>=50 & <99	285	19.6	20,162	8.6	312	843	33.6	37.9
>=100 & <149	233	16.0	28,810	12.2	318	918	33.7	37.6
>=150 & <249	329	22.6	65,383	27.7	321	982	33.7	37.7
>=250 & <499	261	17.9	86,943	36.9	324	1,047	33.5	37.5
>=500 and over	42	2.9	26,789	11.4	325	1,082	33.5	38.2
Total	1,457	100	235,778	100	321	992	33.6	37.7



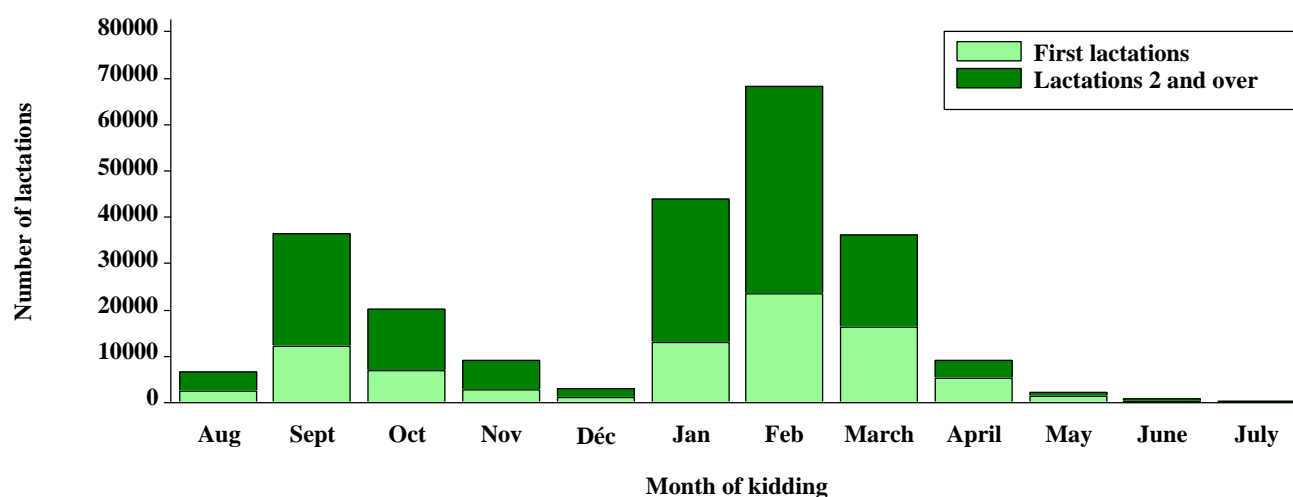
2.3 - Distribution of lactations according to the month of kidding

2.3.1 - First lactations

Month of kidding	Lactations		Lactation duration <i>days</i>	Milk yield <i>kg</i>	True protein content <i>kg</i>	True protein % <i>g/kg</i>	Fat content <i>kg</i>	Fat % <i>g/kg</i>
	<i>Nb</i>	<i>%</i>						
August	2,379	2.8	359	1,036	35.3	34.1	40.4	39.0
September	12,067	14.2	348	1,058	36.1	34.1	41.9	39.6
October	6,790	8.0	347	1,003	34.2	34.0	39.7	39.6
November	2,873	3.4	343	967	32.8	33.9	38.4	39.6
December	1,010	1.2	335	941	32.1	34.1	36.5	38.8
January	13,066	15.4	334	989	33.0	33.3	37.9	38.3
February	23,422	27.6	331	937	31.4	33.5	35.9	38.3
March	16,213	19.1	326	914	30.6	33.5	34.8	38.1
April	5,217	6.2	318	888	29.8	33.6	33.6	37.9
May	1,268	1.5	314	902	30.5	33.8	34.3	38.1
June	318	0.4	306	818	27.9	34.1	32.2	39.3
July	152	0.2	341	1,008	35.3	35.0	38.4	38.1
Overall total	84,775	100	334	963	32.4	33.7	37.2	38.6

2.3.2 - Lactations 2 and over

Month of kidding	Lactations		Lactation duration <i>days</i>	Milk yield <i>kg</i>	True protein content <i>kg</i>	True protein % <i>g/kg</i>	Fat content <i>kg</i>	Fat % <i>g/kg</i>
	<i>Nb</i>	<i>%</i>						
August	4,108	2.7	324	1,037	35.5	34.3	38.6	37.2
September	24,328	16.1	320	1,018	35.0	34.4	38.9	38.3
October	13,302	8.8	314	947	32.5	34.3	36.3	38.4
November	6,225	4.1	316	974	33.0	33.9	37.4	38.4
December	2,089	1.4	329	1,036	34.9	33.7	38.1	36.8
January	30,837	20.4	315	1,075	35.7	33.2	39.7	36.9
February	44,799	29.7	312	1,004	33.3	33.1	36.9	36.8
March	19,994	13.2	303	966	31.9	33.0	35.0	36.3
April	3,781	2.5	310	959	31.9	33.3	34.6	36.0
May	961	0.6	295	904	30.6	33.8	33.2	36.7
June	429	0.3	274	847	28.4	33.6	32.4	38.3
July	150	0.1	250	796	26.8	33.6	30.8	38.7
Overall total	151,003	100	313	1,008	33.8	33.5	37.5	37.2

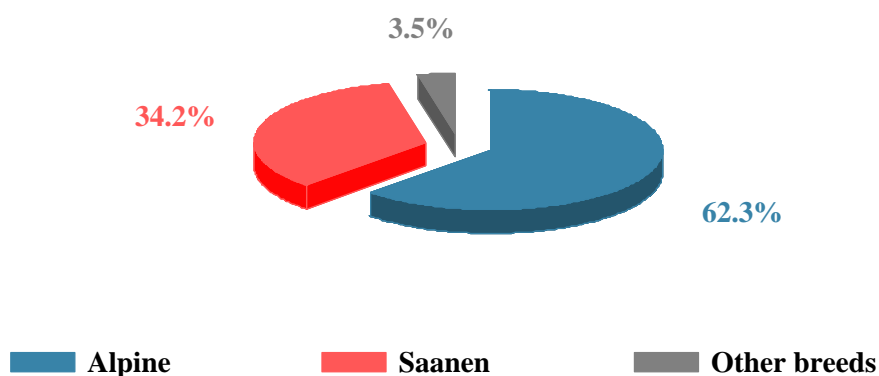


III - RESULTS PER BREED

3.1 - Overall results

3.1.1 - Complete lactations

Breed	Number of lactations	Lactation duration days	Milk yield kg	True protein content kg	True protein ‰ g/kg	Fat content kg	Fat ‰ g/kg	Kidding interval days	Average lactation rank
Alpine	146,854	317	978	33.2	34.0	37.4	38.3	395	2.4
Saanen	80,750	329	1,034	34.0	32.9	38.0	36.7	404	2.4
Crossbred	7,089	315	878	29.3	33.4	32.9	37.5	402	2.5
Poitevine	351	265	530	16.2	30.5	18.6	35.1	386	3.9
Chèvre des Savoie	307	248	475	13.5	28.5	16.3	34.2	361	3.2
Massif Central	50	273	463	13.2	28.5	17.0	36.8	397	2.5
Pyrénéenne	43	208	209	6.0	28.9	7.6	36.7	372	3.9
Other breeds	334	264	539	16.9	31.4	20.1	37.2	370	2.7
Overall total	235,778	321	992	33.3	33.6	37.4	37.7	398	2.4



3.1.2 - Reference lactations

Two scenarios are possible for calculating the reference lactations:

- 1.1. The complete lactation exceeds the reference period (example: 250 days for the Alpine breed).
In this case, the results of the reference lactation are calculated by interpolation, using the Fleischmann method.
- 2.2. The complete lactation does not exceed the reference period.
In that case, the results of the reference lactation and the complete lactation are identical.

Breed	Number of lactations	Reference duration days	Milk yield kg	True protein ‰ g/kg	Fat ‰ g/kg
Alpine	146,854	250	822	33.4	37.7
Saanen	80,750	250	818	32.4	36.3
Crossbred	7,089	250	718	32.8	37.0
Poitevine	351	230	492	30.1	34.8
Chèvre des Savoie	307	150	333	28.1	33.9
Massif Central	50	150	323	28.0	37.5
Pyrénéenne	43	170	175	28.4	36.3
Other breeds	334	150	378	30.6	36.9
Overall total	235,778		816	33.0	37.2

Note: comparing the results obtained by the different breeds should be avoided as long as a specific reference lactation duration is defined for each breed.



3.1.3 - Average age at 1st kidding

NB: This criterion is calculated only when the date of birth of a goat is known.

Breed	Number of lactations	Average age at 1st kidding <i>days</i>
Alpine	50,145	393
Saanen	28,128	388
Crossbred	2,232	406
Chèvre des Savoie	70	468
Poitevine	51	521
Pyrénéenne	3	NS*
Massif Central	1	NS*
Other breeds	91	453

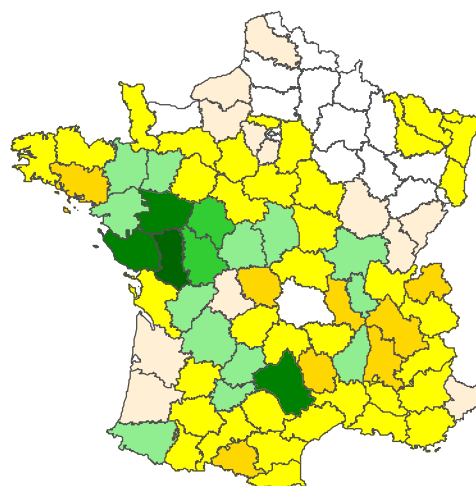
*NS : Not significant (cf. paragraph « Data processing » page 2 for details).



3.2 - Results per breed

Breed ALPINE (French breed code: 13)

Geographical distribution of qualified lactations of Alpine breed

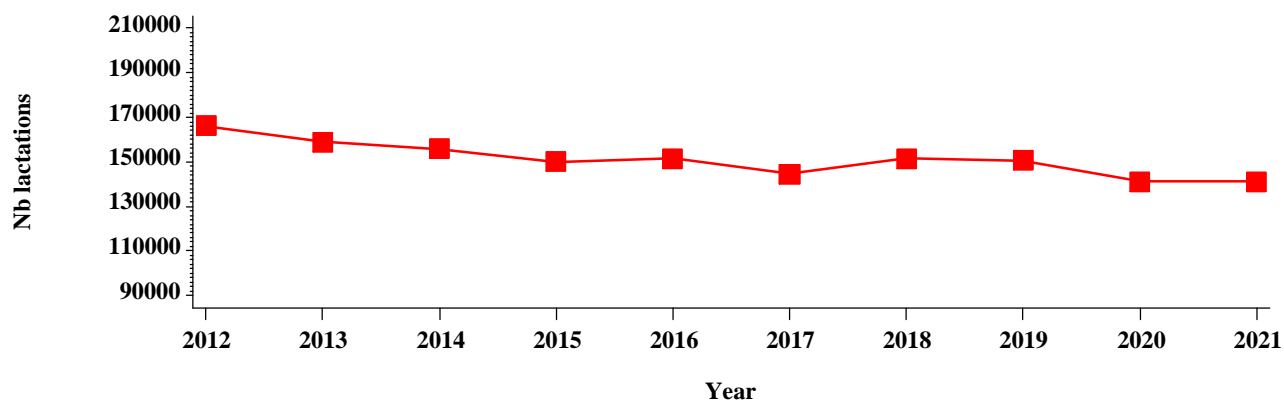


	First lactations	Lactations 2 and over	All lactations	Number of herds for Alpine breed*
Number of lactations	52,263	94,591	146,854	1,135
Lactation duration <i>days</i>	328	311	317	
Milk yield <i>kg</i>	920	1,010	978	
True protein content <i>kg</i>	31.4	34.3	33.2	
True protein % <i>g/kg</i>	34.1	33.9	34.0	
Fat content <i>kg</i>	36.1	38.2	37.4	
Fat % <i>g/kg</i>	39.3	37.8	38.3	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	35.6	26.5	17.0	10.2	5.4	2.8	1.5	1.1

Evolution of the number of qualified lactations of Alpine breed



Breed ALPINE (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August	1,154	2.2	348	955	34.4	39.7	2,101	2.2	321	995	34.9	38.3
September	6,547	12.5	336	976	34.6	40.7	13,368	14.1	317	1,011	35.0	39.2
October	4,182	8.0	344	988	34.5	40.0	7,679	8.1	316	967	34.9	39.0
November	1,573	3.0	343	966	34.5	40.1	3,309	3.5	313	982	34.6	39.0
December	674	1.3	333	952	34.4	39.5	1,170	1.2	313	1,080	33.9	37.1
January	7,571	14.5	327	950	33.9	39.2	20,637	21.8	313	1,084	33.6	37.5
February	15,482	29.6	328	915	34.0	38.9	29,798	31.5	310	1,000	33.5	37.4
March	10,604	20.3	318	865	33.9	38.6	13,264	14.0	303	967	33.4	36.9
April	3,335	6.4	308	832	34.1	38.3	2,420	2.6	302	929	33.8	36.5
May	854	1.6	308	860	34.3	38.4	536	0.6	298	942	34.6	37.1
June	183	0.4	315	825	34.6	39.6	224	0.2	275	792	33.8	38.9
July	104	0.2	352	1,046	35.7	38.6	85	0.1	264	888	33.8	40.0
Overall total	52,263	100	328	920	34.1	39.3	94,591	100	311	1,010	33.9	37.8

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 240 et < 330 days	468	0.9	372	1,014	35.2	39.3	250	695	33.8	38.4
>= 330 et < 365 days	12,761	24.4	340	949	34.2	39.4	250	744	33.3	38.7
>= 365 et < 420 days	30,419	58.2	324	912	34.1	39.3	250	740	33.2	38.6
>= 420 days	6,471	12.4	326	946	34.4	39.0	250	688	33.1	37.8
Age unknown	2,144	4.1	304	768	33.8	39.1	250	629	33.0	38.6
Overall total	52,263	100	328	920	34.1	39.3		729	33.2	38.5

Distribution of primiparous per lactation duration

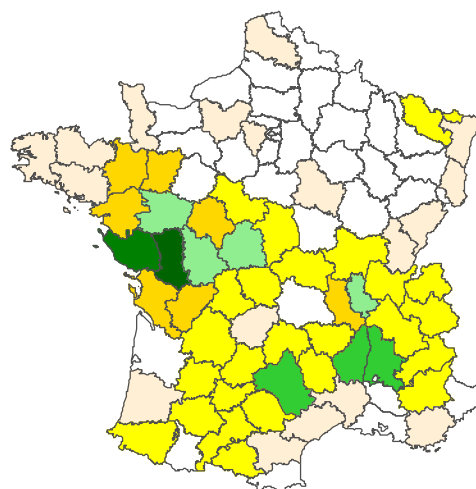
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	46,571	89.1	289	802	33.7	38.9	250	721	33.3	38.6
>= 450 days	5,692	10.9	644	1,886	35.7	40.3	250	795	33.0	38.1
Overall total	52,263	100	328	920	34.1	39.3		729	33.2	38.5



Results per breed

Breed SAANEN (French breed code: 11)

Geographical distribution of qualified lactations of Saanen breed

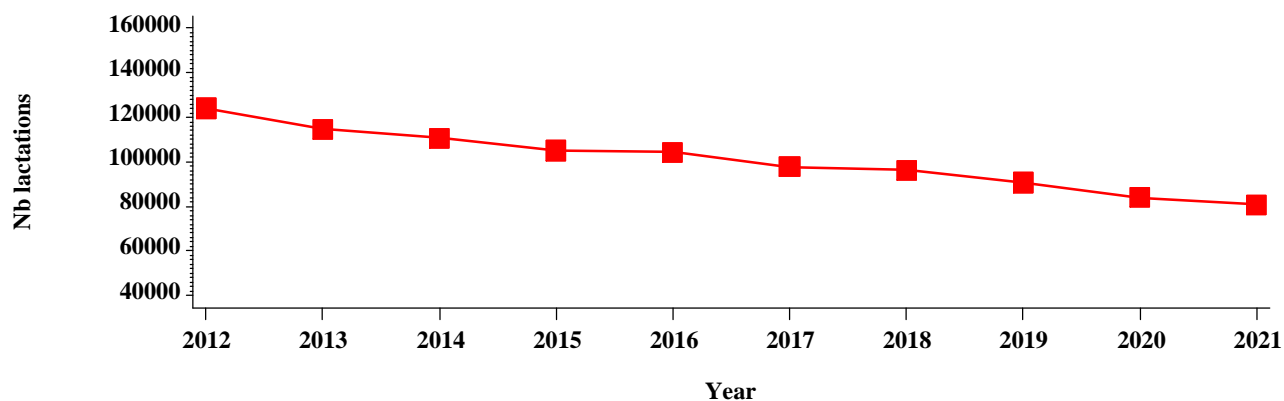


	First lactations	Lactations 2 and over	All lactations	Number of herds for Saanen breed*
Number of lactations	29,793	50,957	80,750	736
Lactation duration <i>days</i>	347	318	329	
Milk yield <i>kg</i>	1,052	1,024	1,034	
True protein content <i>kg</i>	34.7	33.6	34.0	
True protein % <i>g/kg</i>	33.0	32.8	32.9	
Fat content <i>kg</i>	39.7	37.0	38.0	
Fat % <i>g/kg</i>	37.7	36.1	36.7	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	36.9	26.7	16.9	10.0	5.2	2.5	1.1	0.7

Evolution of the number of qualified lactations of Saanen breed



Breed SAANEN (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August	1,178	4.0	370	1,118	33.8	38.4	1,926	3.8	326	1,085	33.6	36.2
September	5,165	17.3	363	1,167	33.5	38.5	10,220	20.1	323	1,032	33.6	37.1
October	2,368	7.9	351	1,037	33.2	38.9	5,147	10.1	312	926	33.4	37.5
November	1,232	4.1	344	976	33.1	39.2	2,646	5.2	321	987	33.1	37.7
December	286	1.0	345	951	33.3	37.3	801	1.6	360	1,016	33.5	36.3
January	5,234	17.6	342	1,048	32.6	37.3	9,259	18.2	320	1,081	32.4	35.5
February	7,212	24.2	338	1,003	32.7	37.2	13,328	26.2	317	1,035	32.4	35.6
March	4,954	16.6	347	1,044	32.9	37.1	5,812	11.4	306	991	32.2	35.0
April	1,685	5.7	343	1,019	32.7	37.1	1,197	2.3	322	1,026	32.3	35.1
May	369	1.2	333	1,019	32.9	37.4	383	0.8	291	861	32.7	36.2
June	73	0.2	274	753	32.7	36.8	186	0.4	279	945	33.4	37.7
July	37	0.1	320	935	33.5	35.8	52	0.1	250	734	33.4	36.5
Overall total	29,793	100	347	1,052	33.0	37.7	50,957	100	318	1,024	32.8	36.1

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 240 et < 330 days	363	1.2	350	1,062	33.2	37.2	250	775	32.5	36.7
>= 330 et < 365 days	8,425	28.3	359	1,101	33.1	37.8	250	776	32.2	37.3
>= 365 et < 420 days	16,250	54.5	339	1,021	32.9	37.8	250	760	32.3	37.4
>= 420 days	3,089	10.4	356	1,128	33.0	37.4	250	705	31.8	36.4
Age unknown	1,666	5.6	350	963	33.0	36.8	250	678	32.0	36.1
Overall total	29,793	100	347	1,052	33.0	37.7		754	32.2	37.2

Distribution of primiparous per lactation duration

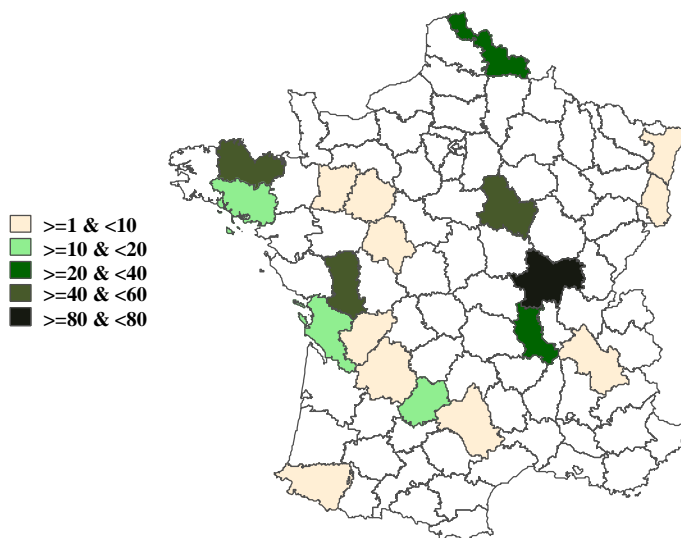
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	25,537	85.7	292	863	32.7	37.6	250	740	32.3	37.3
>= 450 days	4,256	14.3	678	2,186	33.8	38.0	250	840	31.9	36.8
Overall total	29,793	100	347	1,052	33.0	37.7		754	32.2	37.2



Results per breed

Breed POITEVINE (French breed code: 76)

Geographical distribution of qualified lactations of Poitevine breed

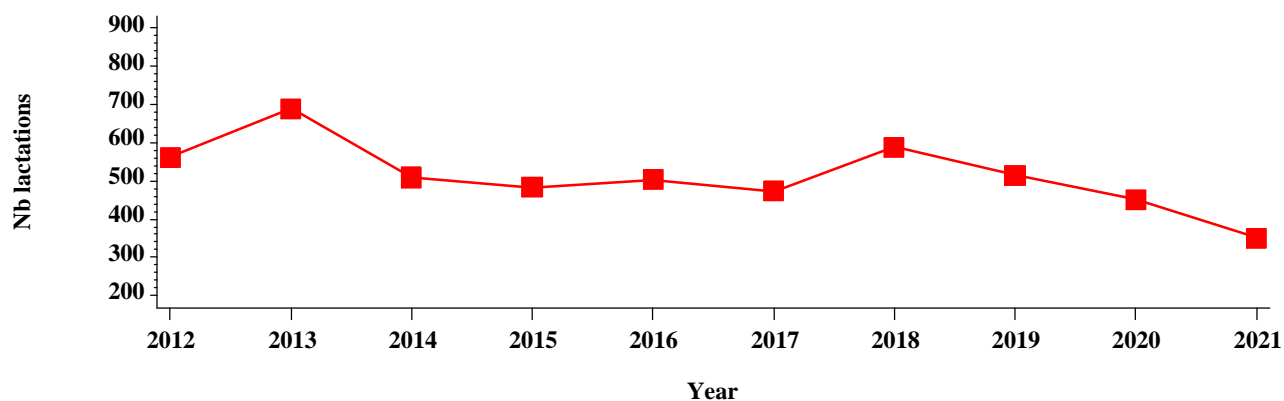


	First lactations	Lactations 2 and over	All lactations	Number of herds for Poitevine breed*
Number of lactations	54	297	351	25
Lactation duration <i>days</i>	272	264	265	
Milk yield <i>kg</i>	438	547	530	
True protein content <i>kg</i>	13.4	16.7	16.2	
True protein % <i>g/kg</i>	30.7	30.5	30.5	
Fat content <i>kg</i>	16.4	19.0	18.6	
Fat % <i>g/kg</i>	37.5	34.7	35.1	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	15.4	21.9	17.1	8.8	8.8	12.8	8.8	6.3

Evolution of the number of qualified lactations of Poitevine breed



Breed POITEVINE (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August												
September												
October							16	5.4	256	464	30.9	39.0
November							10	3.4	227	455	29.2	38.1
December												
January	1	1.9	379	394	30.3	38.6	4	1.3	312	502	30.5	40.4
February	31	57.4	279	455	31.2	39.6	130	43.8	274	569	31.3	34.9
March	18	33.3	272	437	29.9	33.8	108	36.4	267	574	29.8	33.8
April	3	5.6	178	342	28.7	36.8	24	8.1	233	451	29.9	34.6
May	1	1.9	198	250	31.0	33.8	2	0.7	221	409	27.7	28.5
June							3	1.0	146	243	30.0	32.7
July												
Overall total	54	100	272	438	30.7	37.5	297	100	264	547	30.5	34.7

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 240 et < 330 days	1	1.9	298	252	30.3	43.3	230	233	30.4	43.8
>= 330 et < 365 days	6	11.1	253	395	29.4	35.8	230	366	29.0	35.3
>= 365 et < 420 days	24	44.4	269	395	30.1	36.8	230	367	29.8	36.5
>= 420 days	20	37.0	262	424	30.6	39.5	230	377	30.1	39.0
Age unknown	3	5.6	377	1,016	33.6	34.6	230	748	32.2	32.0
Overall total	54	100	272	438	30.7	37.5		389	30.1	36.8

Distribution of primiparous per lactation duration

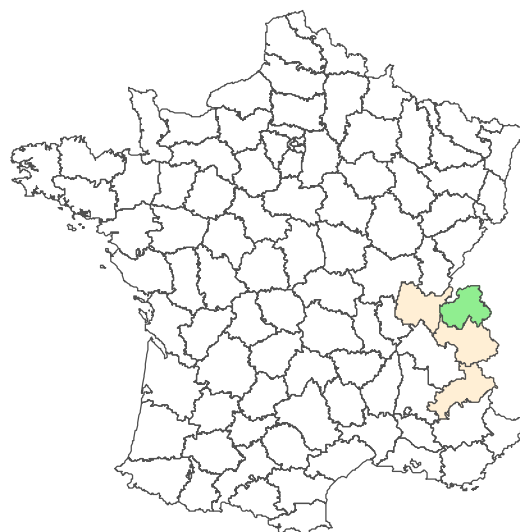
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	52	96.3	260	411	30.4	36.9	230	383	30.0	36.6
>= 450 days	2	3.7	573	1,132	33.1	43.0	230	567	30.6	40.3
Overall total	54	100	272	438	30.7	37.5		389	30.1	36.8



Results per breed

Breed **CHÈVRE DES SAVOIE** (French breed code: 47)

Geographical distribution of qualified lactations of Chèvre des Savoie breed

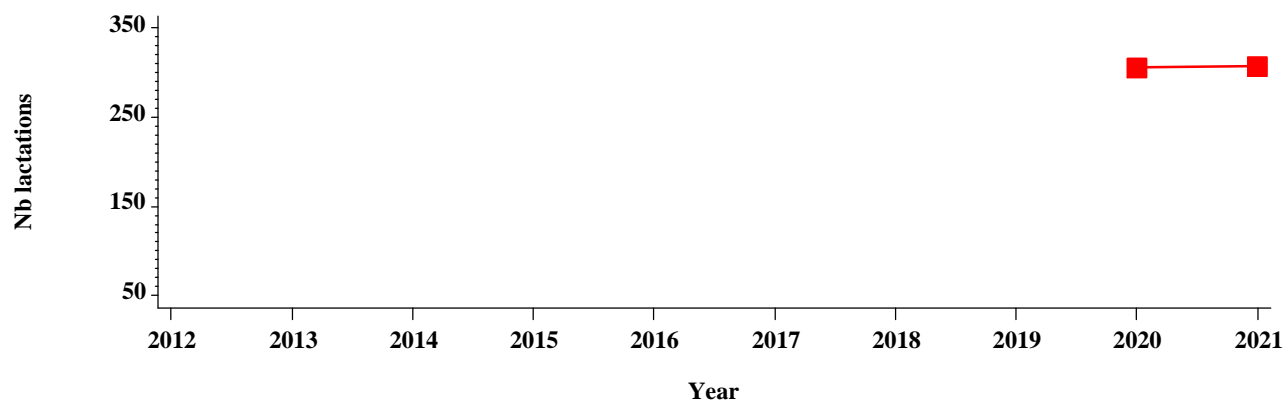


	First lactations	Lactations 2 and over	All lactations	Number of herds for Chèvre des Savoie breed*
Number of lactations	75	232	307	14
Lactation duration <i>days</i>	209	261	248	
Milk yield <i>kg</i>	294	533	475	
True protein content <i>kg</i>	8.6	15.1	13.5	
True protein % <i>g/kg</i>	29.4	28.3	28.5	
Fat content <i>kg</i>	10.6	18.1	16.3	
Fat % <i>g/kg</i>	36.0	33.9	34.2	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	6	7	8 and over
% total goats	24.4	25.1	13.0	16.3	4.2	6.2	4.9	5.9

Evolution of the number of qualified lactations of Chèvre des Savoie breed



Breed CHÈVRE DES SAVOIE (cont.)

Results according to parity and month of kidding

Month of kidding	First lactations						Lactations 2 and over					
	Lactations		Lactation duration	Milk yield	True protein %	Fat %	Lactations		Lactation duration	Milk yield	True protein %	Fat %
	Nb	%	days	kg	g/kg	g/kg	Nb	%	days	kg	g/kg	g/kg
August												
September												
October							27	11.6	287	485	30.3	34.9
November							28	12.1	272	426	29.8	36.9
December	3	4.0	275	390	29.3	34.4	9	3.9	258	376	28.0	34.4
January	8	10.7	241	388	28.5	35.9	44	19.0	268	536	28.8	33.3
February	28	37.3	213	313	28.7	33.6	98	42.2	255	593	27.5	33.5
March	28	37.3	197	265	29.9	38.0	25	10.8	239	521	27.9	33.4
April	6	8.0	191	211	32.9	42.1	1	0.4	231	524	28.5	31.9
May	2	2.7	134	162	31.2	36.5						
June												
July												
Overall total	75	100	209	294	29.4	36.0	232	100	261	533	28.3	33.9

Distribution of primiparous per age at kidding

Age at 1st kidding	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
>= 330 et < 365 days	3	4.0	262	337	29.0	36.8	150	252	28.6	36.6
>= 365 et < 420 days	36	48.0	225	318	28.9	34.0	150	238	28.4	33.7
>= 420 days	31	41.3	185	254	30.1	38.8	150	201	29.8	38.8
Age unknown	5	6.7	209	343	29.8	36.0	150	248	29.1	34.7
Overall total	75	100	209	294	29.4	36.0		224	29.0	35.8

Distribution of primiparous per lactation duration

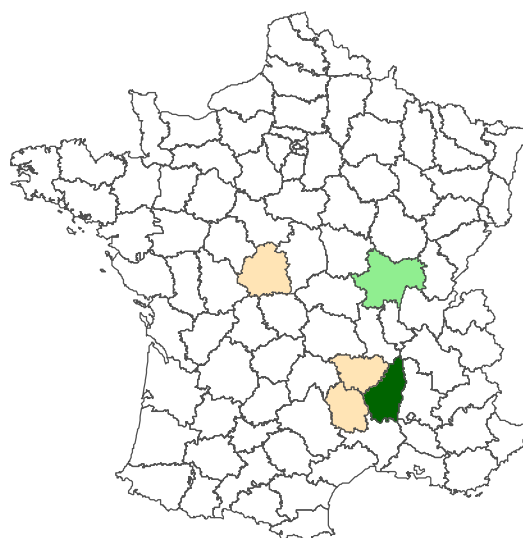
Lactation duration	Complete lactations						Reference lactations			
	Nb	%	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg	Reference duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
< 450 days	75	100	209	294	29.4	36.0	150	224	29.0	35.8
Overall total	75	100	209	294	29.4	36.0		224	29.0	35.8



Résultats per breed

Breed MASSIF CENTRAL (French breed code: 45)

Geographical distribution of qualified lactations of Massif Central breed



	First lactations	Lactations 2 and over	All lactations	Number of herds for Massif Central breed*
Number of lactations	14	36	50	5
Lactation duration <i>days</i>	259	279	273	
Milk yield <i>kg</i>	336	513	463	
True protein content <i>kg</i>	9.7	14.6	13.2	
True protein % <i>g/kg</i>	28.9	28.5	28.5	
Fat content <i>kg</i>	12.5	18.8	17.0	
Fat % <i>g/kg</i>	37.2	36.6	36.8	

* Any herd having at least one goat from this breed is taken into account in these figures.

Parity	1	2	3	4	5	Total
Number of lactations	14	14	6	15	1	50



IV - RESULTS PER REGION

4.1 - Detailed results

Region	Lactations		Lactation duration <i>days</i>	Milk yield <i>kg</i>	True protein content <i>kg</i>	True protein % <i>g/kg</i>	Fat content <i>kg</i>	Fat % <i>g/kg</i>
	<i>Nb</i>	<i>%</i>						
Alsace	747	0.3	299	688	22.4	32.5	25.0	36.4
Aquitaine	7,168	3.0	312	944	31.9	33.8	35.0	37.1
Auvergne	2,380	1.0	281	885	30.2	34.1	34.4	38.8
Basse Normandie	1,043	0.4	299	971	33.1	34.1	35.7	36.8
Bourgogne	4,111	1.7	303	798	26.7	33.5	30.6	38.3
Bretagne	6,895	2.9	333	999	33.4	33.4	36.6	36.7
Centre	24,114	10.2	326	973	33.4	34.3	37.3	38.3
Franche Comté	127	0.1	254	452	14.8	32.8	15.5	34.2
Haute Normandie	132	0.1	356	1,201	40.9	34.0	48.4	40.3
Ile de France	504	0.2	281	766	25.8	33.6	27.5	35.9
Languedoc Roussillon	3,794	1.6	316	838	28.5	34.0	31.1	37.1
Limousin	2,537	1.1	296	820	27.7	33.8	31.6	38.6
Lorraine	813	0.3	276	857	28.4	33.1	33.0	38.5
Midi-Pyrénées	32,858	13.9	313	938	31.5	33.6	34.3	36.6
Nord-Pas de Calais	61	0.0	242	622	21.9	35.2	24.5	39.4
Pays de la Loire	51,394	21.8	319	1,045	34.8	33.4	40.3	38.6
Poitou-Charentes	62,610	26.6	335	1,089	36.6	33.6	40.9	37.6
Provence Alpes Cote d'Azur	2,118	0.9	269	762	25.4	33.4	28.4	37.3
Rhône Alpes	32,372	13.7	313	896	29.7	33.1	33.4	37.3

4.2 - Kidding distribution per month (in % of the total of lactations for the region)

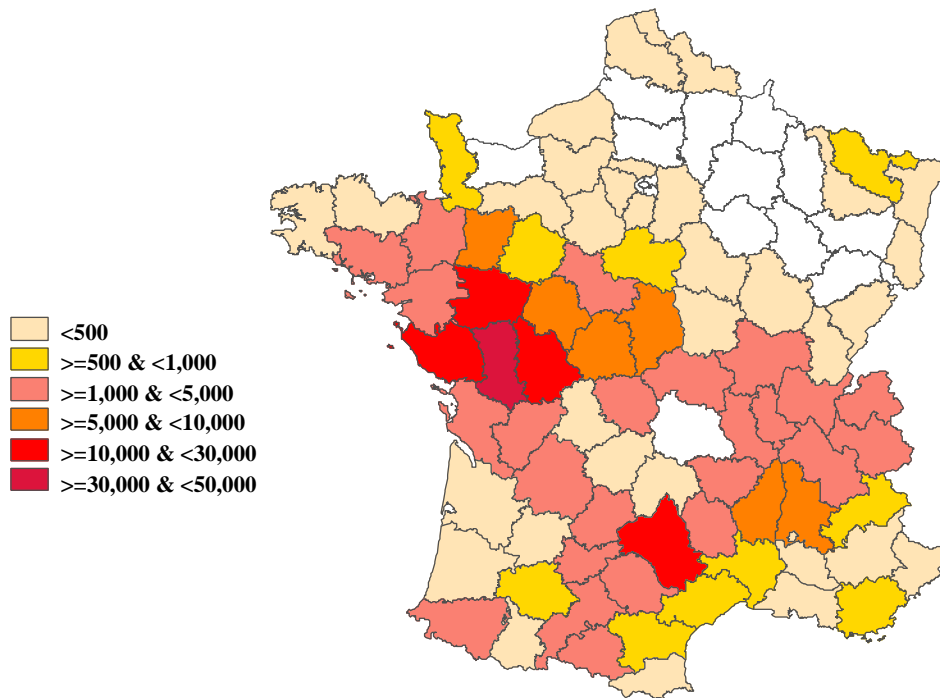
Region	Month of kidding											
	08	09	10	11	12	01	02	03	04	05	06	07
Alsace			15.5	6.3	1.5	18.7	36.5	16.9	2.0	2.1	0.3	0.1
Aquitaine	2.6	16.2	4.5	2.4	0.8	12.0	32.2	20.7	4.5	2.1	1.9	0.1
Auvergne	4.3	33.0	5.5	0.3	0.2	3.2	26.7	16.8	8.9	0.7	0.1	0.4
Basse Normandie	8.6	12.3	6.4	1.5		1.8	20.3	35.4	12.3	1.2	0.2	
Bourgogne	0.4	8.1	16.3	3.3	1.5	13.8	30.7	19.0	5.4	0.8	0.1	0.6
Bretagne	3.6	3.5	0.5	1.2	2.0	9.3	33.6	27.2	14.2	4.0	0.6	0.1
Centre	3.7	24.8	13.0	5.2	1.6	7.8	16.8	16.6	7.3	2.0	0.8	0.4
Franche Comté		7.9				1.6	37.0	47.2	3.9	1.6		0.8
Haute Normandie	19.7	5.3				5.3	19.7	16.7	3.0	1.5	21.2	7.6
Ile de France						32.7	32.5	25.0	8.1	1.0	0.6	
Languedoc Roussillon	6.8	4.5	7.2	2.8	0.1	7.6	32.1	26.1	9.7	2.6	0.6	0.0
Limousin	0.2	13.8	13.8	0.7		8.5	40.4	17.9	4.2	0.4		0.0
Lorraine		9.2	3.3	0.6		2.3	28.8	46.9	7.7	0.4	0.5	0.2
Midi-Pyrénées	2.4	14.2	13.9	4.9	2.0	21.9	23.7	12.9	3.0	0.8	0.1	0.0
Nord-Pas de Calais			24.6	16.4		1.6	29.5	21.3	4.9		1.6	
Pays de la Loire	1.8	8.5	1.8	0.7	0.3	27.3	39.0	17.0	2.8	0.6	0.1	0.0
Poitou-Charentes	2.7	19.4	9.2	6.0	1.6	18.7	26.8	12.5	2.5	0.4	0.1	0.1
Provence Alpes Cote d'Azur	1.9	12.4	3.9	0.0	0.1	9.1	47.6	21.2	2.7	0.6	0.3	0.1
Rhône Alpes	3.8	17.6	11.0	4.7	1.9	18.1	27.2	12.1	2.3	0.7	0.4	0.2



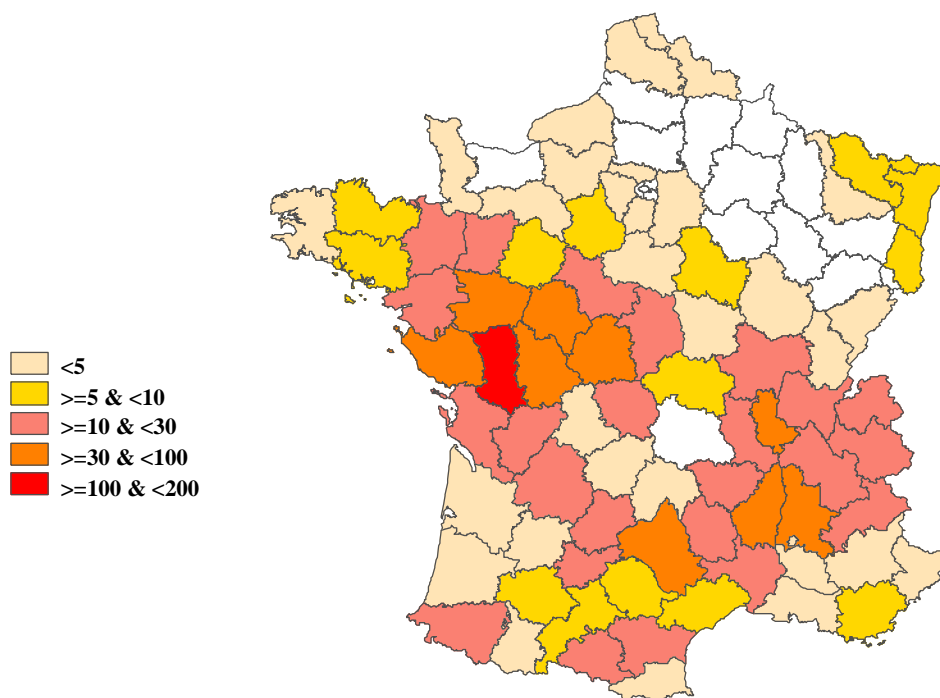
V - RESULTATS PER LOCAL AREA (= FRENCH « DÉPARTEMENT »)

5.1 - Geographical distributions

Distribution of qualified lactations



Herd distribution (counted up with qualified lactations)



5.2 - Detailed results per local area

Local area ¹		Number of herds	Number of lactations	Average number of goats per herd	Lactation duration days	Milk yield kg	True protein % g/kg	Fat % g/kg
01	Ain	16	1,225	77	275	694	33.0	37.9
03	Allier	7	1,111	159	267	808	34.5	39.1
04	Alpes Hte Provence	4	450	113	276	766	32.5	36.3
05	Hautes Alpes	10	720	72	283	817	33.5	39.1
06	Alpes Maritimes	1	90	90				
07	Ardèche	74	8,984	121	314	915	32.9	37.3
09	Ariège	10	1,493	149	301	864	34.7	39.3
11	Aude	10	510	51	258	606	34.2	36.3
12	Aveyron	89	20,462	230	317	966	33.7	36.8
13	Bouches du Rhône	2	118	59				
15	Cantal	3	209	70	348	1,079	35.3	39.8
16	Charente	23	4,562	198	327	1,041	34.1	37.3
17	Charente Maritime	15	1,285	86	310	895	32.5	36.1
18	Cher	36	5,262	146	299	841	34.3	38.5
19	Corrèze	3	278	93	292	816	32.2	33.3
21	Côte d'Or	1	28	28				
22	Côtes d'Armor	7	374	53	308	819	34.3	35.9
23	Creuse	11	1,810	165	302	856	34.2	39.9
24	Dordogne	27	4,580	170	310	936	33.8	37.7
25	Doubs	3	114	38	277	492	32.8	34.2
26	Drôme	50	7,439	149	317	950	33.2	36.7
27	Eure	2	116	58				
28	Eure & Loir	6	290	48	295	1,073	34.0	37.9
29	Finistère	2	241	121				
30	Gard	11	557	51	381	1,057	34.0	36.7
31	Haute Garonne	8	1,172	147	312	833	33.5	37.1
32	Gers	9	845	94	299	894	32.3	35.6
33	Gironde	2	45	23				
34	Hérault	7	641	92	292	775	34.0	38.0
35	Ille & Vilaine	24	4,728	197	347	1,075	33.4	36.4
36	Indre	60	7,052	118	336	960	34.1	38.0
37	Indre & Loire	61	9,038	148	331	1,034	34.5	38.9
38	Isère	41	2,785	68	304	915	33.7	36.8
39	Jura	2	13	7				
40	Landes	2	83	42				
41	Loir & Cher	22	1,917	87	352	1,120	34.4	36.7
42	Loire	32	3,594	112	323	968	33.0	37.7
43	Haute Loire	15	1,060	71	284	928	33.5	38.4
44	Loire Atlantique	15	3,267	218	297	874	32.5	36.6
45	Loiret	2	555	278				
46	Lot	22	3,890	177	306	855	33.4	34.7
47	Lot & Garonne	4	294	74	428	1,383	35.0	38.5
48	Lozère	23	1,898	83	330	895	34.1	37.0
49	Maine & Loire	67	18,377	274	320	1,080	33.9	39.4
50	Manche	4	744	186	307	942	33.7	37.0
53	Mayenne	24	5,481	228	318	930	34.0	39.4
54	Meurthe & Moselle	2	207	104				
56	Morbihan	9	1,552	172	307	880	33.5	38.0

¹Durations, milk yields and fat and true protein rates are mentioned only for local areas that count up a least 3 herds.



Detailed results per local area (cont.)

Local area ¹	Number of herds	Number of lactations	Average number of goats per herd	Lactation duration days	Milk yield kg	True protein ‰ g/kg	Fat ‰ g/kg
57 Moselle	7	606	87	274	859	33.3	38.5
58 Nièvre	1	240	240				
59 Nord	1	27	27				
61 Orne	3	299	100	277	1,042	35.1	36.2
62 Pas de Calais	1	34	34				
64 Pyrénées Atlantiques	19	2,166	114	305	934	33.7	35.6
65 Hautes Pyrénées	1	138	138				
66 Pyrénées Orientales	4	188	47	230	450	32.9	38.5
67 Bas Rhin	6	256	43	299	722	32.8	37.3
68 Haut Rhin	7	491	70	299	670	32.4	35.9
69 Rhône	55	4,872	89	312	850	33.3	38.1
71 Saône & Loire	41	3,458	84	298	778	33.1	38.6
72 Sarthe	7	868	124	317	909	33.1	39.3
73 Savoie	23	1,154	50	340	838	32.9	36.5
74 Haute Savoie	40	2,319	58	305	748	33.4	37.9
76 Seine Maritime	1	16	16				
77 Seine & Marne	2	140	70				
78 Yvelines	1	119	119				
79 Deux Sèvres	181	46,107	255	335	1,095	33.5	37.5
81 Tarn	5	1,596	319	304	907	33.2	36.9
82 Tarn & Garonne	10	3,262	326	314	960	33.6	35.2
83 Var	7	506	72	254	607	33.8	35.5
84 Vaucluse	3	234	78	257	967	34.0	37.8
85 Vendée	88	23,401	266	320	1,072	32.9	38.0
86 Vienne	53	10,656	201	340	1,104	33.9	38.1
87 Haute Vienne	3	449	150	271	677	33.2	35.9
89 Yonne	5	385	77	321	901	34.5	37.7
91 Essonne	1	68	68				
95 Val d'Oise	1	177	177				

¹Durations, milk yields and fat and true protein rates are mentioned only for local areas that count up a least 3 herds.



5.3 - Distribution of milk recording protocols per local area

Local area		Milk recording protocol						Total lactations	
		A %	AC %	AT %	AY %	AZ %	CY %		CZ %
01	Ain	21.0	79.0					1,225	
03	Allier		83.9	16.1				1,111	
04	Alpes Hte Provence	29.6	67.3	3.1				450	
05	Hautes Alpes		89.9	10.1				720	
06	Alpes Maritimes	100						90	
07	Ardèche	4.2	88.5	7.2				8,984	
09	Ariège			100				1,493	
11	Aude	56.5		43.5				510	
12	Aveyron		89.3	10.7				20,462	
13	Bouches du Rhône		92.4	7.6				118	
15	Cantal			100				209	
16	Charente	22.9	9.7	67.4				4,562	
17	Charente Maritime	3.8	37.8				56.0	2.3	1,285
18	Cher	55.9	34.6	9.5				5,262	
19	Corrèze		99.6	0.4				278	
21	Côte d'Or	100						28	
22	Côtes d'Armor	38.5	9.9	51.6				374	
23	Creuse	53.4	39.0		7.6			1,810	
24	Dordogne	5.2	39.6	55.3				4,580	
25	Doubs	100						114	
26	Drôme	2.6	89.3	8.1				7,439	
27	Eure	100						116	
28	Eure & Loir	100						290	
29	Finistère	100						241	
30	Gard		31.1	68.9				557	
31	Haute Garonne		9.0	91.0				1,172	
32	Gers			100				845	
33	Gironde			100				45	
34	Hérault			100				641	
35	Ille & Vilaine	5.4	25.0		69.6			4,728	
36	Indre	48.6	42.0	9.4		0.0		7,052	
37	Indre & Loire	55.9	0.0		1.4	0.5	39.5	2.7	9,038
38	Isère	30.1	64.6	5.4				2,785	
39	Jura	100						13	
40	Landes			100				83	
41	Loir & Cher	97.4		1.0			1.6	1,917	
42	Loire	8.7	91.1	0.2				3,594	
43	Haute Loire		90.8	9.2				1,060	
44	Loire Atlantique	2.4	23.0	19.3			55.2	3,267	
45	Loiret				100			555	
46	Lot			100				3,890	
47	Lot & Garonne			100				294	
48	Lozère	3.2	39.9	56.9				1,898	
49	Maine & Loire	17.8	17.9	10.1	2.4	0.0	36.9	14.9	18,377
50	Manche		12.9		87.1			744	
53	Mayenne	14.2	9.7	14.1			27.8	34.3	5,481
54	Meurthe & Moselle	100						207	
56	Morbihan	71.9	24.2	3.7		0.1		1,552	
57	Moselle	67.3	32.7					606	
58	Nièvre	100						240	



5.3 - Distribution of milk recording protocols per local area

Local area		Milk recording protocol						Total lactations	
		A %	AC %	AT %	AY %	AZ %	CY %		CZ %
59	Nord	100							27
61	Orne	73.6	22.7	3.7					299
62	Pas de Calais	100							34
64	Pyrénées Atlantiques			100					2,166
65	Hautes Pyrénées			100					138
66	Pyrénées Orientales	58.5		41.5					188
67	Bas Rhin	100							256
68	Haut Rhin	100							491
69	Rhône	9.3	82.9	7.8					4,872
71	Saône & Loire	26.9	65.7	7.4					3,458
72	Sarthe	10.0	18.7		10.6		40.0	20.7	868
73	Savoie	60.5		39.5					1,154
74	Haute Savoie	62.1	3.8	34.1					2,319
76	Seine Maritime	100							16
77	Seine & Marne	81.4	18.6						140
78	Yvelines	100							119
79	Deux Sèvres	29.1	0.0	1.5	0.2	1.7	65.1	2.4	46,107
81	Tarn		98.9	1.1					1,596
82	Tarn & Garonne		84.9	15.1					3,262
83	Var	22.5	77.5						506
84	Vaucluse		49.1	50.9					234
85	Vendée	1.6	19.5	19.2			50.6	9.1	23,401
86	Vienne	34.1	7.8	54.2			3.9		10,656
87	Haute Vienne			100					449
89	Yonne	18.4		13.5	68.1				385
91	Essonne			100					68
95	Val d'Oise	100							177
	Overall total	20.5	31.7	17.4	2.4	0.4	24.2	3.5	235,778



5.4 - Lactations (complete and reference) per breed and local area

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Ain	Saanen	6	192	256	653	35.4	31.5	250	619	35.2	31.2
	Alpine	14	854	293	711	38.5	33.4	250	632	38.1	32.8
	Crossbred	10	151	280	666	37.6	32.9	250	604	37.5	32.5
Allier	Saanen	3	221	138	345	38.6	33.4	250	310	38.4	33.0
	Alpine	6	773	314	930	39.2	34.7	250	777	39.0	34.4
	Crossbred	4	117	309	873	38.5	34.3	250	700	38.6	34.2
Alpes Hte Provence	Saanen	1	219								
	Alpine	3	230	276	703	37.0	33.1	250	675	36.7	32.7
Hautes Alpes	Saanen	5	137	288	733	37.7	32.3	250	636	37.5	32.2
	Alpine	9	551	307	847	39.6	33.9	250	690	39.0	33.1
Alpes Maritimes	Alpine	1	90								
Ardèche	Saanen	49	5,227	322	931	36.8	32.4	250	776	36.6	32.2
	Alpine	45	3,287	311	913	38.3	33.6	250	795	37.9	33.1
	Crossbred	28	433	298	780	36.5	32.3	250	699	36.3	32.0
Ariège	Saanen	5	108	269	759	35.1	33.8	250	680	34.6	33.4
	Alpine	10	1,287	304	875	39.6	34.8	250	743	39.3	34.4
	Crossbred	5	87	308	852	39.8	34.1	250	693	39.0	33.5
Aude	Saanen	3	55	253	604	36.2	31.9	250	594	36.1	31.7
	Alpine	10	400	257	598	36.5	34.9	250	577	36.1	34.5
	Crossbred	3	55	261	672	35.2	32.2	250	665	35.2	32.1
Aveyron	Saanen	45	5,634	311	893	35.4	32.7	250	783	35.2	32.4
	Alpine	73	14,421	318	995	37.3	34.0	250	861	36.9	33.6
	Crossbred	47	403	322	931	36.4	33.7	250	788	36.2	33.3
Bouches du Rhône	Alpine	2	116	285	944	35.9	33.9	250	869	35.7	33.6
Cantal	Saanen	3	103	361	1,109	38.5	34.3	250	841	38.3	34.0
	Alpine	1	106								
Charente	Saanen	9	1,295	328	1,071	35.2	32.4	250	871	34.6	31.8
	Alpine	20	3,162	326	1,027	38.3	34.7	250	846	37.9	34.3
	Crossbred	12	103	350	1,106	36.6	34.0	250	843	35.8	33.2
Charente Maritime	Saanen	11	1,101	319	927	36.0	32.4	250	740	35.2	31.7
	Alpine	11	145	275	728	37.4	33.1	250	653	37.0	32.8
Cher	Saanen	5	535	338	1,042	38.0	34.3	250	765	38.3	34.4
	Alpine	34	4,678	301	819	38.6	34.3	250	704	38.4	33.9
	Crossbred	10	41	285	811	38.1	33.7	250	736	37.8	33.2

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration days	Milk yield kg	Fat % g/kg	True protein % g/kg	Reference duration days	Milk yield kg	Fat % g/kg	True protein % g/kg
Corrèze	Alpine	3	277	291	816	33.3	32.2	250	777	33.1	31.9
Côtes d'Armor	Alpine	6	306	312	890	36.1	34.6	250	765	35.8	34.0
	Poitevine	2	41	286	478	36.1	31.3	230	427	35.3	30.6
Creuse	Saanen	6	444	311	762	38.5	33.3	250	675	37.9	32.7
	Alpine	9	1,329	317	888	40.3	34.4	250	744	39.9	33.8
Dordogne	Saanen	10	726	299	955	35.2	32.5	250	850	35.0	32.1
	Alpine	24	3,768	311	934	38.2	34.0	250	812	38.1	33.6
	Crossbred	8	80	306	844	36.0	34.1	250	714	35.8	33.4
Doubs	Alpine	3	84	277	465	33.0	33.8	250	447	32.7	33.4
Drôme	Saanen	41	5,183	326	971	36.1	33.0	250	798	36.2	32.7
	Alpine	23	1,736	315	944	38.1	34.1	250	818	37.9	33.7
	Crossbred	23	484	289	779	38.0	32.6	250	706	37.8	32.3
Eure	Alpine	2	48	420	1,207	41.5	34.4	250	713	39.9	33.1
	Crossbred	1	43								
Eure & Loir	Alpine	6	286	320	1,078	37.9	34.0	250	929	37.3	33.3
Finistère	Alpine	2	239	279	552	37.8	31.8	250	536	37.8	31.6
Gard	Saanen	4	59	502	1,382	35.3	33.1	250	724	35.4	32.5
	Alpine	10	455	380	1,036	37.0	34.2	250	727	35.7	32.5
	Crossbred	5	43	326	829	34.9	33.3	250	685	34.4	32.1
Haute Garonne	Saanen	5	708	340	910	38.0	32.6	250	670	38.3	32.3
	Alpine	7	437	301	714	35.0	35.3	250	601	34.5	34.5
Gers	Saanen	4	536	313	1,009	35.0	31.8	250	867	34.7	31.2
	Alpine	8	270	278	695	37.2	33.7	250	640	37.0	33.3
Gironde	Alpine	2	43	244	436	29.7	27.4	250	409	29.5	27.2
Hérault	Saanen	1	55								
	Alpine	7	573	296	820	38.2	34.1	250	720	37.8	33.6
Ille & Vilaine	Saanen	14	1,167	376	1,154	36.0	33.1	250	792	35.5	32.4
	Alpine	19	3,407	341	1,052	36.5	33.5	250	837	35.5	32.6
	Crossbred	15	154	338	980	36.4	33.6	250	786	35.3	32.7
Indre	Saanen	49	2,702	351	987	37.3	33.4	250	735	36.9	32.9
	Alpine	53	3,392	337	934	38.5	34.7	250	729	38.1	34.1
	Crossbred	41	957	362	977	38.0	34.3	250	699	37.5	33.6

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Indre & Loire	Saanen	39	1,221	360	1,084	37.8	33.6	250	772	37.2	33.0
	Alpine	51	7,392	346	1,030	39.1	34.6	250	780	38.4	33.8
	Crossbred	34	423	371	975	39.1	34.2	250	700	38.0	33.2
Isère	Saanen	14	678	343	1,080	35.5	33.1	250	804	35.0	32.5
	Alpine	33	1,830	310	897	37.3	34.0	250	759	37.0	33.2
	Crossbred	10	275	279	636	37.8	32.5	250	574	37.8	32.4
Landes	Alpine	1	45								
Loir & Cher	Saanen	11	839	431	1,271	36.0	35.0	250	800	35.7	34.4
	Alpine	17	974	381	983	37.3	33.8	250	674	36.4	32.7
	Crossbred	6	104	390	1,193	38.6	34.2	250	809	37.6	33.4
Loire	Saanen	22	1,927	348	1,073	36.9	32.8	250	831	36.5	32.2
	Alpine	15	1,558	309	866	38.9	33.2	250	749	38.6	32.6
	Crossbred	5	85	286	593	38.1	31.8	250	562	38.0	31.6
Haute Loire	Saanen	9	419	264	799	37.5	33.4	250	678	36.9	32.8
	Alpine	10	623	310	1,024	38.8	33.6	250	873	38.4	33.2
Loire Atlantique	Saanen	3	1,000	307	1,050	36.4	32.5	250	929	36.0	32.1
	Alpine	14	2,254	292	795	36.8	32.5	250	741	36.5	32.1
Loiret	Alpine	2	554	300	823	36.1	32.7	250	760	35.9	32.4
Lot	Saanen	9	812	314	887	31.8	32.7	250	769	31.3	32.4
	Alpine	20	2,985	308	849	35.6	33.6	250	751	35.1	33.2
	Crossbred	9	79	292	834	33.9	33.6	250	769	33.3	33.4
Lot & Garonne	Saanen	1	141								
	Alpine	3	153	433	1,216	43.4	36.3	250	742	41.5	34.5
Lozère	Saanen	10	704	341	1,003	35.9	33.2	250	771	35.7	32.6
	Alpine	21	1,178	323	835	37.8	34.7	250	687	37.3	33.9
Maine & Loire	Saanen	18	2,861	337	1,137	37.6	33.0	250	914	37.2	32.4
	Alpine	58	15,287	319	1,070	39.8	34.1	250	916	39.3	33.4
	Crossbred	18	228	311	1,032	37.3	33.1	250	902	36.5	32.5
Manche	Saanen	1	96								
	Alpine	3	643	302	886	37.8	33.8	250	772	37.1	33.4
Mayenne	Saanen	7	1,004	288	779	38.5	33.0	250	668	38.3	32.7
	Alpine	22	4,410	324	966	39.6	34.2	250	807	38.8	33.5
	Crossbred	9	62	310	829	39.1	33.2	250	738	38.5	32.6

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Meurthe & Moselle	Alpine	1	175								
Morbihan	Alpine	8	1,471	309	891	38.1	33.6	250	774	37.6	33.0
Moselle	Saanen	2	114	299	1,056	42.2	33.7	250	879	44.0	33.8
	Alpine	5	468	273	821	37.5	33.3	250	768	36.9	32.7
Nièvre	Alpine	1	240								
Orne	Alpine	3	278	330	1,034	36.1	35.0	250	826	35.3	33.9
Pyrénées Atlantiques	Saanen	6	131	286	908	33.3	31.9	250	852	32.9	31.6
	Alpine	19	2,027	306	936	35.7	33.8	250	830	35.3	33.3
Hautes Pyrénées	Alpine	1	138								
Pyrénées Orientales	Alpine	4	167	227	464	38.2	33.0	250	464	38.2	33.0
Bas Rhin	Alpine	5	195	304	744	37.8	33.4	250	590	37.4	32.4
Haut Rhin	Alpine	7	394	300	713	35.9	32.4	250	637	35.8	32.1
	Crossbred	4	92	291	490	35.7	31.9	250	465	35.4	31.4
Rhône	Saanen	29	2,150	323	900	35.9	32.5	250	750	35.7	32.1
	Alpine	44	2,603	325	812	40.3	34.1	250	676	39.7	33.3
	Crossbred	14	119	319	781	38.2	32.7	250	643	37.8	31.9
Saône & Loire	Saanen	8	475	303	739	35.5	31.8	250	641	35.0	31.4
	Alpine	37	2,769	309	793	39.1	33.3	250	683	38.8	32.7
	Crossbred	12	121	318	765	38.4	33.0	250	628	37.9	32.3
	Poitevine	3	80	254	551	36.6	30.7	230	525	36.5	30.5
Sarthe	Alpine	7	864	317	911	39.3	33.1	250	779	38.7	32.4
Savoie	Saanen	9	337	529	1,489	36.5	33.6	250	684	35.3	32.1
	Alpine	20	474	268	653	36.7	32.9	250	597	36.4	32.4
	Crossbred	12	214	258	441	36.4	30.9	250	430	36.4	30.8
	Chèvre des Savoie	6	74	260	415	35.0	29.2	150	305	33.5	28.6
Haute Savoie	Saanen	15	319	308	640	36.1	32.6	250	533	36.0	32.3
	Alpine	35	1,556	320	827	38.6	34.3	250	688	38.3	33.7
	Crossbred	11	142	276	667	37.8	31.0	250	626	37.7	30.7
	Chèvre des Savoie	6	229	266	495	34.0	28.3	150	342	34.0	28.0
Seine & Marne	Alpine	2	140	285	741	35.8	33.3	250	689	35.4	32.8
Yvelines	Alpine	1	83								

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Lactations (complete and reference) per breed and local area (cont.)

Local area	Breed ¹	Number of herds	Number of lactations	Complete lactations				Reference lactations			
				Lactation duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>	Reference duration <i>days</i>	Milk yield <i>kg</i>	Fat % <i>g/kg</i>	True protein % <i>g/kg</i>
Deux Sèvres	Saanen	110	20,257	345	1,109	36.9	33.0	250	859	36.4	32.5
	Alpine	112	25,093	327	1,086	38.0	33.9	250	905	37.4	33.3
	Crossbred	52	704	351	1,073	37.5	33.4	250	830	36.5	32.6
	Poitevine	2	53	287	645	32.5	30.2	230	588	32.2	29.7
Tarn	Saanen	4	961	320	934	36.2	33.1	250	769	36.3	32.9
	Alpine	3	601	306	871	38.1	33.3	250	784	37.6	32.9
Tarn & Garonne	Saanen	8	167	320	1,039	33.4	32.5	250	925	32.7	32.3
	Alpine	10	3,022	312	954	35.2	33.7	250	831	34.6	33.3
	Crossbred	6	73	337	1,039	36.2	33.3	250	858	35.5	32.7
Var	Alpine	7	424	254	633	35.1	33.7	250	607	34.9	33.4
Vaucluse	Alpine	3	198	353	1,029	37.3	33.9	250	676	37.2	33.2
Vendée	Saanen	62	12,253	336	1,086	37.4	32.5	250	858	36.8	31.9
	Alpine	57	11,004	323	1,058	38.7	33.4	250	887	38.1	32.7
	Crossbred	25	138	313	1,020	36.6	32.0	250	877	36.2	31.7
Vienne	Saanen	36	4,922	352	1,157	37.2	33.0	250	868	36.8	32.6
	Alpine	36	5,146	332	1,066	39.0	34.8	250	853	38.7	34.2
	Crossbred	20	588	327	989	37.1	34.0	250	824	36.5	33.5
Haute Vienne	Saanen	3	366	270	704	36.0	33.1	250	660	35.5	32.7
	Alpine	3	63	272	552	34.7	34.2	250	534	34.4	34.0
Yonne	Alpine	4	301	337	970	38.4	35.3	250	796	37.3	34.4
	Poitevine	1	52								
Essonne	Alpine	1	68								
Val d'Oise	Alpine	1	177								

¹Durations, milk yields and fat and true protein rates are mentioned only for breeds that count up a least 40 lactations in at least 2 herds within the local area.



Milk recording results - Sheep France – Year 2021

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Introduction

The research and development process in genetic improvement of dairy sheep successively dealt with productivity of ewes and herds (during the 70s and 80s), chemical milk composition and its suitability for cheese production (during the 80s and 90s), finally functional abilities such as resistance to subclinical mastitis and udder morphology (2000 decade). These functional characteristics enable the animals' functional longevity to be improved. This improvement matches with their ability to postpone their culling for other reasons than those linked with their milk yield level. In other words, functional longevity contributes to have flocks with a better cost-effectiveness, not by increasing takings, but by decreasing production costs through reduced early culling. Genomics has been fully involved during these last years in dairy sheep breeding schemes with, on one hand, the selection for resistance to scrapie thanks to the genetic typing of the PrP gene widely implemented right at the beginning of the 2000s, on the other hand genomic breeding prospects which are subject to Roquefort' in (Lacaune breed) and Genomia (Pyrenean dairy sheep breeds – Manech and Basco-Béarnaise) programmes. Since 2015 (choice of young rams at the end of 2014), Lacaune breed implemented a genomic selection with a new scheme design.

The genetic improvement of dairy sheep within the three French traditional breeding areas (“Rayon” de Roquefort, Pyrénées-Atlantiques, Corse) is based on the breeding of local breeds within their own production area and systems. This principle is strengthened by the French AOC label (which guarantees the origin of a product) of each area. This label requires the local breed as the genetic material to be used for the cheese production of Roquefort (Lacaune breed), of Issau-Iraty (Basco-Béarnaise and Manech breeds) and Brucciu (Corse breed). The implementation of dairy sheep breeding programmes is based on milk recording and progeny testing of animal insemination rams. It has systematically been well-reasoned in order to increase its efficiency-cost ratio

Pyramidal structure of the population

Breeds' population is organized on the basis of a pyramidal structure made up of breeders, creators of the genetic gain and farmers using genetic gain, in order to select the local breeds in population-wide terms. Selection tools are gathered in flocks of breeders who are registered at the official milk recording organizations. These tools include qualitative recording and breeding animals' qualification with possibly udder scoring. Breeding flocks serve as a testing medium and provide the breeding centers with young rams. Testing has been developed in order to maximize breeding schemes. The effort required for its implementation is considerable as (depending on the breeds) 50 to 60 % of the inseminated ewes within a flock under breeding are inseminated with tested rams. Breeders receive as compensation inseminations with the elite rams, i.e. the sires of the breed's rams. If they wish it, the breeders who use the genetic gain may receive a simplified milk recording. Its objective is firstly to get a within-flock ranking of the ewes, but also the technical monitoring of the dairy flock.

Rationalization and optimization over the time

Breeding objectives have been planned gradually. Official milk recording implemented in the 60s was at the beginning only a quantitative control (milk yield) due to the industry needs of milk on one hand, and because of the low initial productivity of the French local breeds on the other hand. The first objective was clearly to increase ewes' productivity. The breeding criteria taken in consideration was the milk yield during the milking period which steps up fat and protein contents quantities, and thereby cheese quantities.

Such an objective may be accepted during the start-up period of the breeding scheme. However, when this objective is fully operational and becomes completely effective (in the 80s for the Lacaune breed, in the 90s – 2000s for the Pyrenean breeds), the milk quality (fat and protein contents) deteriorates on a genetic level speaking. Thus, it is becoming essential to be interested in the chemical quality of the milk also in order to know about cheese yield and the fat/dry ratio of cheese in the framework of AOC cheese produced with raw milk and whole milk. That's why a qualitative recording was to be performed, although it is difficult and expensive to implement in dairy sheep because of the flocks' size and the rapid mechanical milking routines.

Finally, when the context of the industry was such as productivity was no longer directly looked for, breeders became then interested in functional characteristics which are going to enable to decrease production costs and to improve work conditions, especially milking conditions which represent the first work station of dairy ewes' breeding.

Today, farmers and stakeholders of selection schemes raise the question of hardiness and plasticity and evoke the wish to work on resistance to gastro intestinal parasitism, dairy persistency, ability to one-milking per day, feed efficiency, but also the ability to transhumance and at the valorization of rangelands.



Milk recording simplification

The official AC design (monthly recording of one of the two daily milkings, whatever the milking) has been widespread. The qualitative recording has been even more simplified. Only a part of the ewes is recorded: the primiparous (Pyrenean breeds) or the first two lactations (Lacaune breed). Only the middle of the lactation is controlled, because it is the most representative period from a genetic point of view. Thus, the objective is to carry out three samples at the first four test-days of the ewe during the morning milking. The morning milking enables a better milk sampling, especially of the fat content and somatic cells. The partial recording as described here above enables to save about 85% of the samplings and analyses in order to get an efficiency a bit lower (the loss of precision may easily be compensated for rams by increasing the testing daughters' number by about 10%), compared to the exhaustive A4 recording method (on a monthly rhythm for the two daily milkings and for all the ewes on milking). This process is also systematically used for functional characteristics.

Table 1 : Evolution of the main criteria related to breeding schemes for the 3 French breeding areas

		Official milk recording (OMR)				Simplified milk recording (SMR)
		Number of recorded ewes (% of the OMR population)	AI rate in the nucleus	Number of progeny-tested rams	Milk yield in liters (lactation duration)	Number of recorded ewes
1985	Rayon	113 519 (17%)	70%	430	186 (162)	311 000
	Pyrénées	38 026 (12%)	30%	52	92 (127)	13 000
	Corse	7 300 (7%)			88 (151)	
2005	Rayon	176 936 (21%)	81%	477	277 (163)	585 000
	Pyrénées	108 836 (23%)	55%	200	158 (146)	32 000
	Corse	20 408 (20%)	39%	40	124 (181)	
2020	Rayon	189 147 (17%)	87%	319	339 (174)	505 457
	Pyrénées	121 136 (28%)	48%	278	231 (156)	38 026
	Corse	20 157 (24%)	36%	17	149 (189)	13 446
2021	Rayon	192 923 (19%)	88%	297	346 (176)	483 869
	Pyrénées	123 388 (28%)	47%	262	239 (159)	38 532
	Corse	18 860 (22%)	35%	21	153 (188)	9 397



Data processing

Annual results of the sheep official milk recording are calculated from an extract of the French national dairy sheep database used for indexing and research, which is part of the SIEOL Information System. This extract was performed at the end of the dairy sheep year in December 2021. Thus, these results concern the year 2021. Regarding the seasonality of the dairy sheep production in France, all lactations are considered as finished and qualified if they are calculated.

The results are presented by breeding area, French local administrative area (=French “département”), Milk Recording Organization (MRO), Performance Testing organization and by breed. Here are the definitions of these terms:

Breeding areas: 1 = 'Rayon de Roquefort' ; 2 = 'Corse' ; 3 = 'Pyrénées-Atlantiques'.

French local administrative areas: 11, 12, 2A, 2B, 30, 34, 48, 64, 65, 81, 82.

Milk Recording Organizations (=MRO): 'CDEO', 'Confédération Générale de Roquefort', 'EDE 48', 'EDE 81', 'EDE 82', 'SCP 30-34', 'SUAE Corse du Sud', 'SUAE Haute-Corse', 'UNOTEC 12'.

Recognized Performance Recording Organizations (=RPRO): 'CDEO', 'OS Lacaune', 'EDE 82', 'SUAE Corse du Sud', 'SUAE Haute-Corse'.

Breeds: 'Lacaune', 'Manech tête rousse', 'Manech tête noire', 'Basco-Béarnaise', 'Corse'. Other breeds representing less than 50 ewes nationwide are not taken into account in these results.

NB : In paragraphs 2.2 to 2.6, maps only show French local administrative areas where at least 10 lactations haven been calculated for the corresponding breed.

Warning:

Results between breeds or populations (Basco-Béarnaise, Corse, Lacaune, Manech Tête Rousse, Manech Tête Noire) should not be compared, mainly for two reasons:

- Each breed is represented only in one breeding area. Therefore, genetic type and dominant farming system(s) of each French administrative region are closely linked.
- The calculation of milk yield at milking period varies from one region to another (and for breeds accordingly), in relation with the average suckling length, depending on the farming system:
 - 25 days in the area of Roquefort,
 - 35 days in the Pyreneans area and in Corsica.

Some definitions :

Total number of ewes: ewes present in the flock at the beginning of the lambing period.

Number of ewes in lactation: ewes for which calculating a lactation has been possible (so this total takes into account ewes that had at least one test-date with non-null milk production record).

Number of ewes that lambed: ewes with a date of lambing, non-pregnant ewes, aborted ewes without milk and not mated ewe in 1st lactation are therefore excluded from this total.

Lambing rate: number of ewes which lambed divided by the total number of ewes (expressed in %).

Lactation rate: number of ewes with calculation of lactation divided by the number of ewes which lambed (expressed in %).

Milk yield: it represents the milk yield at the milking-only period.

This milk yield is calculated only on the period of exclusive milking of the animal after the weaning of the lamb(s), and doesn't take into account the milk yield during the initial period of suckling or suckling x milking. So the **milking duration** matches only to this milking-only period. The milk yield is expressed in liters and the length in days.

The official milk recording is an AC milk recording protocol, i.e. a monthly control of one of the two daily milkings, without any obligation of rotation. However, the recording occurs mainly in the morning because the sampling for the qualitative control is more precise during the morning milking (more milk in the morning).

Results for fat and protein contents are not provided. The sheep qualitative control is indeed a very simplified control (partial qualitative recording). It is based on a sampling performed only at the milking of the morning, on 3 recordings during the middle of the lactation and it concerns only a part of the flock (the primiparous or the first 2 lactations, depending on the breed). The way of recording and calculating the fat and protein contents are relevant for genetics, but are not representative of current economic reality.



Trends for 2021

Increasing by 4,740 (+1.4%), the total number of ewes present at the lambing period reached 335,171 in 2021. At the same time the total number of ewes with lactation calculation is increasing on 6,879 and reaches 285,321 (+2.4%). This increase of the ewes number on official milk recording (CLO) puts an end to the stability observed over the previous two years.

750 flocks are counted up today in Official Milk Recording, which is identical to that of the previous year. Meanwhile, with 447 ewes, the average size of flock still progressed in 2021 (441 ewes in 2020, 433 in 2019 and 428 in 2018).

In 2021 the average milk yield is increasing for all breeds, Lacaune and Manech Tête Rousse breeds +7.3 liters, Basco Béarnaise breed +10 liters, Corse breed +3.8 liters, Manech Tête Noire breed +8.8 liters. At the national level the milk yield reached 299.2 liters (+7.6 liters) in 171 days (+2 days).

A simplified milk recording, corresponding to the D recording method in the ICAR nomenclature and not presented in this document, exists in addition to the Official Milk Recording AC design. It concerns commercial flocks out of the selection nucleus (while the Official Milk Recording is devoted only to breeders involved in the selection program). 1,156 flocks and 531,798 ewes present at the lambing period were submitted to D recording in 2021.



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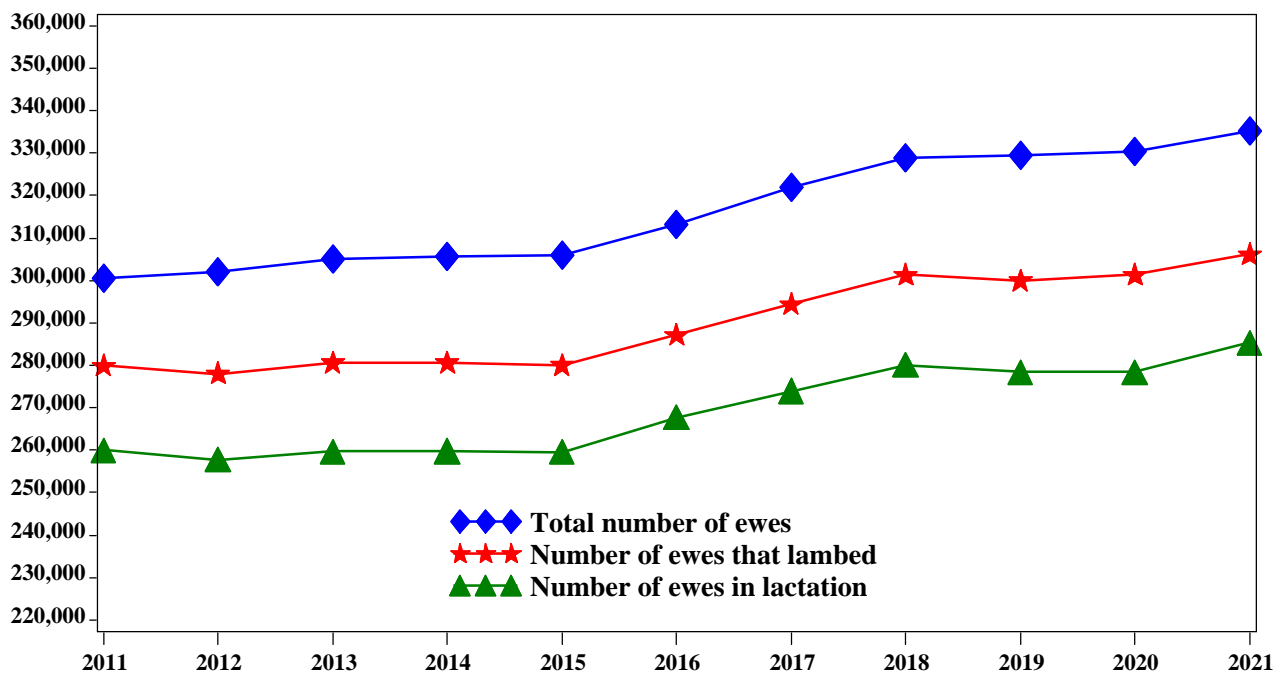
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I - GLOBAL RESULTS

1.1 - Reminder of the previous years

Year	Total number of ewes	Number of ewes that lambed	Lambing rate	Number of ewes in lactation	Lactation rate	Milk yield liters	Lactation duration days
2011	300,488	279,941	93.2	260,029	92.9	246.8	162
2012	302,102	277,961	92.0	257,826	92.8	250.8	163
2013	304,925	280,581	92.0	259,666	92.5	247.5	164
2014	305,619	280,575	91.8	259,791	92.6	254.2	165
2015	306,047	280,001	91.5	259,589	92.7	256.9	166
2016	313,291	287,171	91.7	267,737	93.2	273.9	166
2017	321,968	294,415	91.4	274,003	93.1	278.6	167
2018	328,980	301,292	91.6	280,117	93.0	284.2	167
2019	329,394	299,938	91.1	278,423	92.8	286.3	169
2020	330,431	301,305	91.1	278,442	92.4	291.6	169
2021	335,171	306,167	91.3	285,321	93.2	299.2	171



1.2 - Results of the year

1.2.1 - Distribution by parity

Parity	Total number of ewes	Number of ewes that lambed	Lambing rate	Number of ewes in lactation	Lactation rate	Milk yield liters	Lactation duration days
1st lactation	97,957	79,715	81.4	73,847	92.6	264.2	158
2nd lactation and over	237,214	226,452	95.5	211,474	93.4	311.3	175
Overall total	335,171	306,167	91.4	285,321	93.2	299.2	171

1.2.2 - Number of flocks and average number of ewes per flock

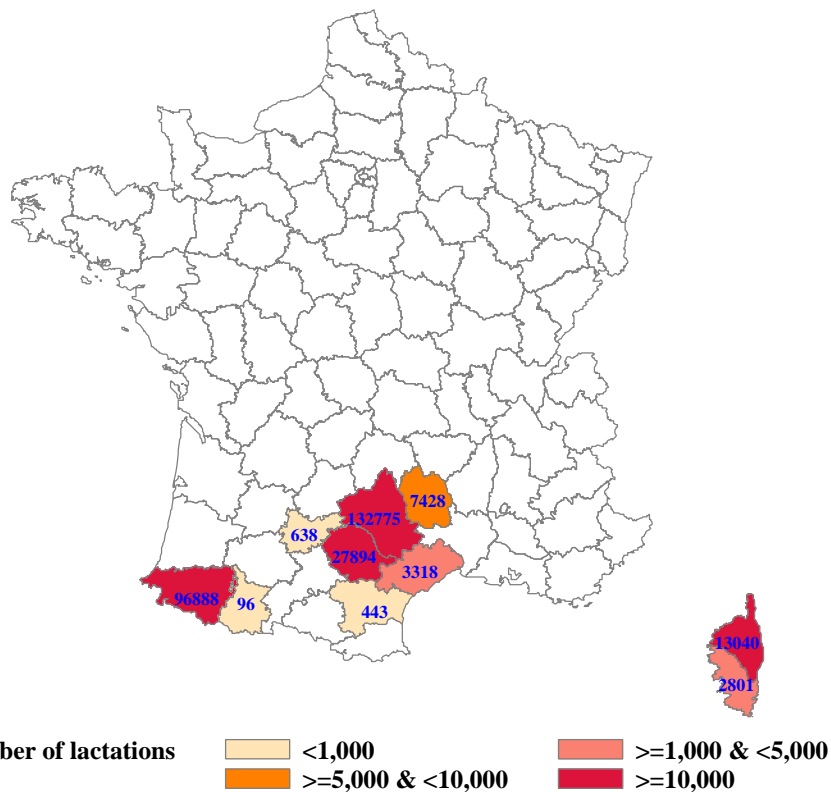
Total number of ewes in lactation	Total number of flocks	Average number of ewes per flock
285,321	750	380.4

1.2.3 - Results per local area

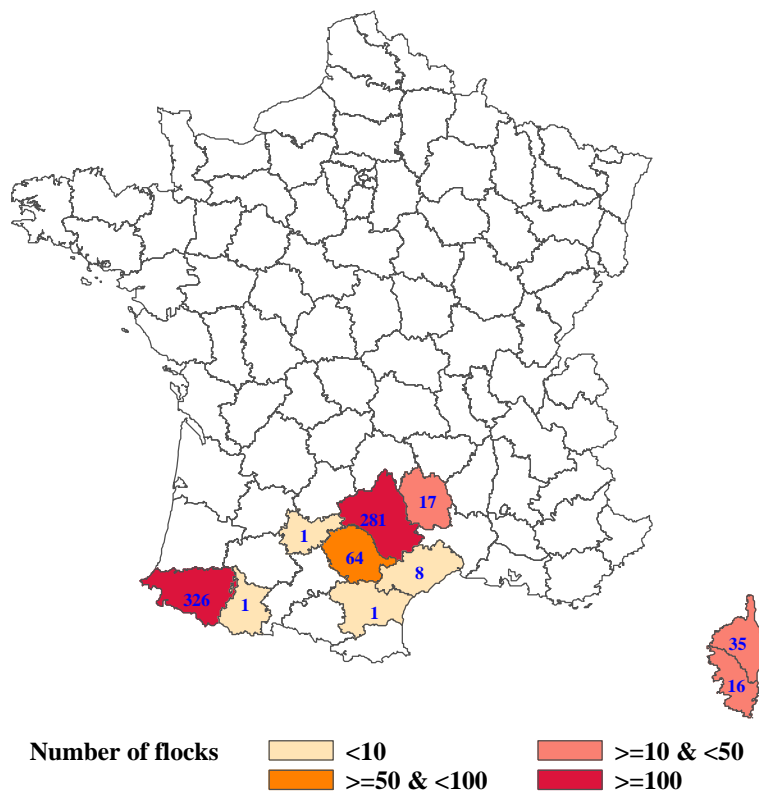
Local area	Number of flocks	Number of ewes in lactation	Milk yield l	Lactation duration d
Aude	1	443	339.5	188
Aveyron	281	132,775	347.8	176
Corse du Sud	16	2,801	161.9	173
Haute Corse	35	13,040	150.5	192
Hérault	8	3,318	328.0	176
Lozère	17	7,428	324.7	175
Pyrénées Atlantiques	326	96,888	239.0	159
Hautes Pyrénées	1	96	159.2	149
Tarn	64	27,894	348.8	177
Tarn & Garonne	1	638	328.8	157
Overall total	750	285,321	299.2	171



Distribution of lactations per local area (= French « département »)



Distribution of flocks per local area



1.2.4 - Results per breeding area and parity

Breeding area ¹	Parity	Number of ewes in lactation	Milk yield liters	Lactation duration days
01	1st lactation	47,161	297.0	163
	2nd lactation	38,112	366.1	182
	3rd lactation	30,061	382.4	184
	4th lactation	22,518	377.7	183
	5th lactation	15,715	361.4	180
	6th lactation	10,080	341.5	176
	7th lactation and over	8,423	303.8	166
	Unknown	426	293.3	162
Total breeding area		172,496	346.5	176
02	1st lactation	3,148	110.9	146
	2nd lactation	2,784	154.0	188
	3rd lactation	2,208	177.1	207
	4th lactation	1,952	180.6	211
	5th lactation	1,574	174.7	209
	6th lactation	1,334	162.5	202
	7th lactation and over	1,905	144.4	192
	Unknown	936	137.2	179
Total breeding area		15,841	152.6	188
03	1st lactation	23,538	219.0	149
	2nd lactation	19,905	251.9	160
	3rd lactation	16,220	261.3	166
	4th lactation	12,951	254.8	166
	5th lactation	9,432	241.5	164
	6th lactation	6,274	229.2	160
	7th lactation and over	6,530	201.9	151
	Unknown	2,134	201.6	152
Total breeding area		96,984	239.0	159
Overall total		285,321	299.2	171

¹Refer to the Introduction paragraph for details.



1.2.5 - Results per breeding area, parity and month of lambing

Breeding area	Parity	Month of lambing	Number of ewes in lactation	Milk yield liters	Lactation duration days
01	1st lactation	January	8,140	281.0	151
		February	6,848	270.9	148
		March	2,361	234.8	122
		April	528	184.9	106
		May	92	160.4	86
		June	14	113.8	56
		July	218	322.8	198
		August	1,548	363.2	201
		September	2,828	341.4	190
		October	7,690	329.9	183
		November	10,148	311.3	171
		December	6,746	281.9	153
	2nd lactation and over	January	18,464	360.3	173
		February	9,079	328.9	154
		March	2,264	255.3	118
		April	658	238.3	119
		May	255	211.9	95
		June	12	154.4	77
		July	1,802	357.6	197
		August	6,369	390.6	199
		September	13,240	375.4	190
		October	34,986	378.2	191
		November	27,471	368.2	184
		December	10,735	361.4	172
Total breeding area			172,496	346.5	176
02	1st lactation	January	772	102.4	125
		February	483	77.0	92
		March	191	52.1	69
		April	54	22.8	42
		May	4	10.0	29
		June			
		July			
		August	1	224.1	275
		September	205	169.1	227
		October	533	146.6	202
		November	459	121.5	176
		December	446	118.9	152
	2nd lactation and over	January	481	120.7	119
		February	392	94.7	96
		March	118	56.5	68
		April	29	15.9	38
		May			
		June			
		July			
		August	119	174.7	218
		September	4,779	171.9	223
		October	5,273	170.7	202
		November	1,248	151.3	179
		December	254	133.5	143

¹Refer to the Introduction paragraph for details.



1.2.5 - Results per breeding area, parity and month of lambing

Breeding area	Parity	Month of lambing	Number of ewes in lactation	Milk yield liters	Lactation duration days
<i>Total breeding area</i>			15,841	152.6	188
03	1st lactation	January	2,752	205.4	134
		February	2,562	158.7	98
		March	2,584	121.6	73
		April	534	81.1	49
		May	22	48.4	31
		June			
		July			
		August			
		September			
		October	2,075	278.5	197
		November	8,296	258.1	181
		December	4,713	234.7	164
	2nd lactation and over	January	3,734	228.7	135
		February	3,721	188.9	100
		March	3,220	145.4	75
		April	670	99.2	52
		May	47	43.8	27
		June	2	53.3	16
		July			
		August			
		September	7	334.3	216
		October	11,486	263.8	186
		November	38,722	255.5	173
		December	11,837	253.4	160
<i>Total breeding area</i>			96,984	239.0	159
Overall total			285,321	299.2	171

¹Refer to the Introduction paragraph for details.



1.2.6 - Results per breeding area and flock size

Breeding area	Flock size	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
01	< 200	2	297	354.8	164
	>=200 & <250	19	4,353	354.8	178
	>=250 & <300	20	5,532	341.9	174
	>=300 & <350	56	18,331	339.7	175
	>=350 & <400	51	19,074	345.7	176
	>=400 & <450	40	17,034	348.5	177
	>=450 & <500	51	24,252	346.5	177
	>=500 & <550	40	21,056	333.7	176
	>=550 & <600	32	18,314	353.2	181
	>= 600	61	44,253	351.8	173
Total breeding area		372	172,496	346.5	176
02	< 200	23	3,270	159.0	181
	>=200 & <250	7	1,556	127.0	169
	>=250 & <300	2	577	115.2	200
	>=300 & <350	7	2,255	172.4	190
	>=350 & <400	1	363	192.6	185
	>=400 & <450	3	1,258	159.0	187
	>=450 & <500	2	950	135.3	179
	>=500 & <550	1	503	119.0	190
	>= 600	5	5,109	153.7	199
	Total breeding area		51	15,841	152.6	188
03	< 200	59	9,996	209.8	153
	>=200 & <250	62	13,708	220.4	154
	>=250 & <300	72	20,001	237.1	158
	>=300 & <350	53	17,054	248.6	164
	>=350 & <400	39	14,414	243.7	164
	>=400 & <450	10	4,229	243.2	157
	>=450 & <500	12	5,630	253.5	158
	>=500 & <550	8	4,162	254.2	160
	>=550 & <600	6	3,475	277.5	165
	>= 600	6	4,315	251.1	153
Total breeding area		327	96,984	239.0	159
Overall total		750	285,321	299.2	171

¹Refer to the Introduction paragraph for details.



1.2.7 - Results per milk recording organization (MRO)

MRO	Number of flocks	Number of ewes in lactation	Milk yield <i>liters</i>	Lactation duration <i>days</i>
CDEO	327	96,984	239.0	159
Confédération Générale de Roquefort	184	83,895	341.9	176
EDE 48	8	4,412	313.9	173
EDE 81	27	11,764	358.2	183
SUAE CORSE DU SUD	16	2,801	161.9	173
SUAE HAUTE-CORSE	35	13,040	150.5	192
UNOTEC 12	153	72,425	351.8	175
Overall total	750	285,321	299.2	171

¹Refer to the Introduction paragraph for details.



1.2.8 - Results per milk recording organization (MRO) and local area

MRO	Local area	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
CDEO	Pyrénées Atlantiques	326	96,888	239.0	159
	Hautes Pyrénées	1	96	159.2	149
Total MRO		327	96,984	239.0	159
Confédération Générale de Roquefort	Aude	1	443	339.5	188
	Aveyron	133	61,894	342.4	176
	Hérault	3	1,774	332.2	189
	Lozère	9	3,016	340.5	179
	Tarn	37	16,130	342.0	173
	Tarn & Garonne	1	638	328.8	157
Total MRO		184	83,895	341.9	176
EDE 48	Lozère	8	4,412	313.9	173
Total MRO		8	4,412	313.9	173
EDE 81	Tarn	27	11,764	358.2	183
Total MRO		27	11,764	358.2	183
SUAE CORSE DU SUD	Corse du Sud	16	2,801	161.9	173
Total MRO		16	2,801	161.9	173
SUAE HAUTE-CORSE	Haute Corse	35	13,040	150.5	192
Total MRO		35	13,040	150.5	192
UNOTEC 12	Aveyron	148	70,881	352.4	175
	Hérault	5	1,544	323.2	160
Total MRO		153	72,425	351.8	175
Overall total		750	285,321	299.2	171

¹Refer to the Introduction paragraph for details.



1.2.9 - Results per recognized performance recording organization (RPRO)

RPRO	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
CDEO	327	96,984	239.0	159
OS Lacaune	372	172,496	346.5	176
SUAE CORSE DU SUD	16	2,801	161.9	173
SUAE HAUTE-CORSE	35	13,040	150.5	192
Overall total	750	285,321	299.2	171

1.2.10 - Results per recognized performance recording organization (RPRO) and local area

RPRO	Local area	Number of flocks	Number of ewes in lactation	Milk yield liters	Lactation duration days
CDEO	Pyrénées Atlantiques	326	96,888	239.0	159
	Hautes Pyrénées	1	96	159.2	149
<i>Total RPRO</i>		327	96,984	239.0	159
OS Lacaune	Aude	1	443	339.5	188
	Aveyron	281	132,775	347.8	176
	Hérault	8	3,318	328.0	176
	Lozère	17	7,428	324.7	175
	Tarn	64	27,894	348.8	177
	Tarn & Garonne	1	638	328.8	157
<i>Total RPRO</i>		372	172,496	346.5	176
SUAE CORSE DU SUD	Corse du Sud	16	2,801	161.9	173
<i>Total RPRO</i>		16	2,801	161.9	173
SUAE HAUTE-CORSE	Haute Corse	35	13,040	150.5	192
<i>Total RPRO</i>		35	13,040	150.5	192
Overall total		750	285,321	299.2	171

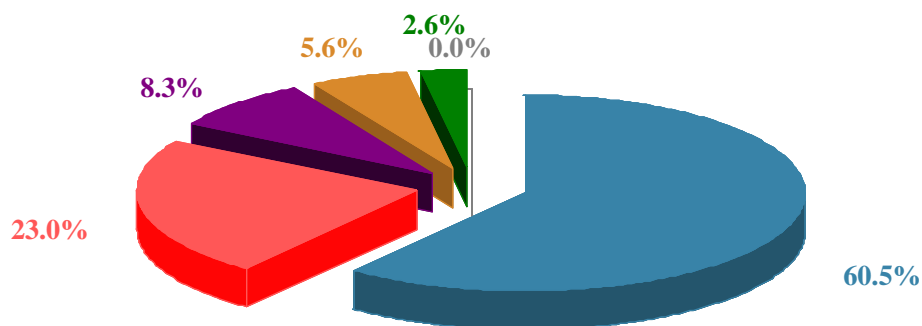
¹Refer to the Introduction paragraph for details.



II - RESULTS PER BREED

2.1 - Results for all breeds

Breed	Number of flocks	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
Lacaune	372	172,495	346.5	105.9	176	41
Manech Tête Rousse	237	65,676	250.6	93.6	164	48
Basco-Béarnaise	98	23,743	224.4	84.7	148	49
Corse	51	15,841	152.6	66.5	188	59
Manech Tête Noire	67	7,523	183.8	72.9	149	46
Other breeds	31	43	150.1	93.3	110	52



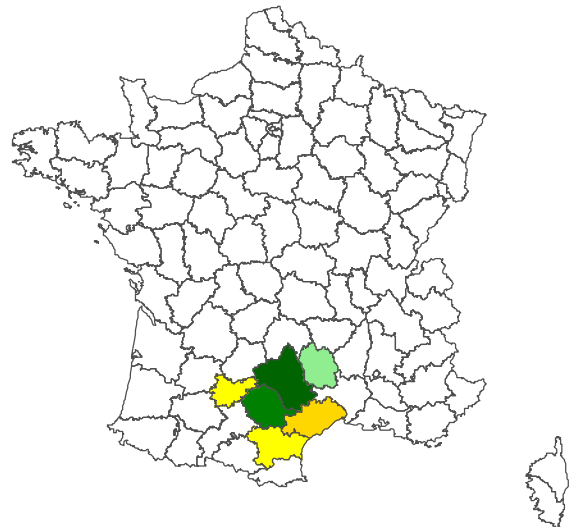
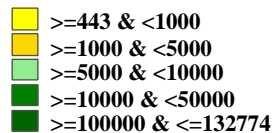
¹Refer to the Introduction paragraph for details.



2.2 - Breed LACAUNE

(French breed code: 010)

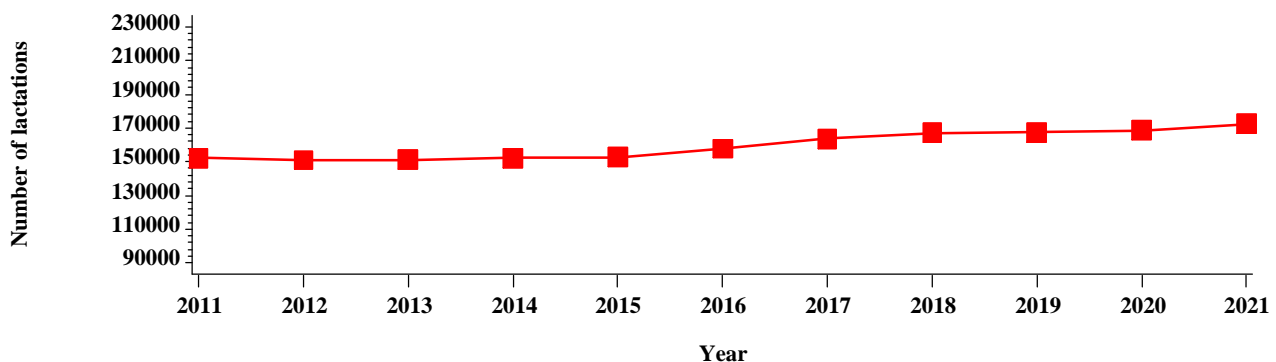
Geographical distribution of ewes with lactations of Lacaune breed



Distribution by parity for Lacaune breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	47,160	297.0	93.9	162.5	40
2nd lactation	38,112	366.1	100.8	181.8	39
3rd lactation	30,061	382.4	101.4	184.0	37
4th lactation	22,518	377.7	102.8	183.1	38
5th lactation	15,715	361.4	104.1	179.6	40
6th lactation	10,080	341.5	102.6	176.3	41
7th lactation and over	8,423	303.8	103.2	166.5	45
Unknown	426	293.3	120.1	162.4	53
Overall total	172,495	346.5	105.9	175.8	41

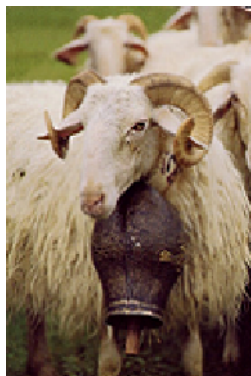
Evolution of the number of lactations for Lacaune breed



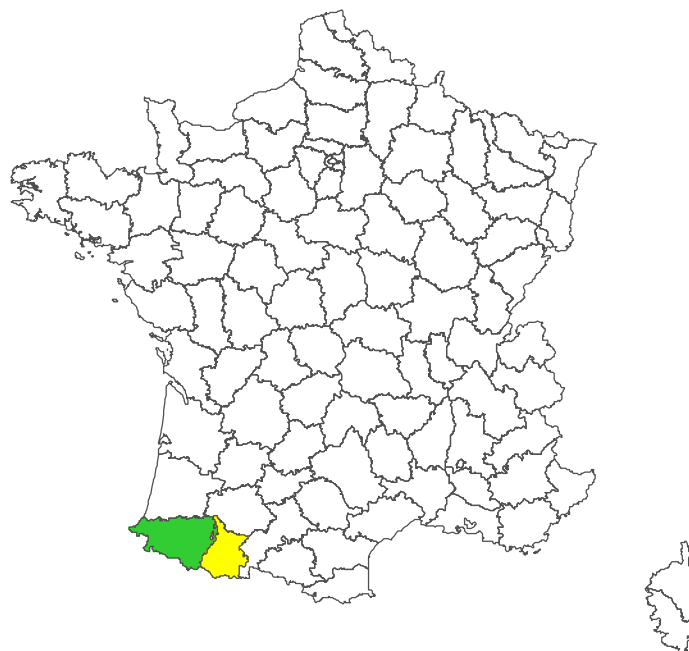
2.3 - Breed BASCO BEARNAISE

(French breed code: 030)

Geographical distribution of ewes with lactations of Basco Bearnaise breed



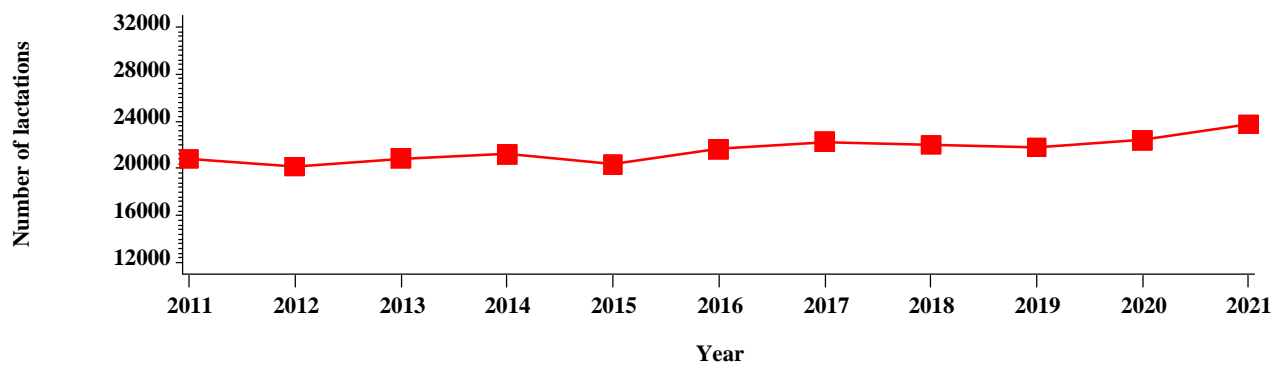
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Distribution by parity for Basco Bearnaise breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	5,330	175.5	72.1	116.1	49
2nd lactation	4,773	231.4	76.2	148.1	46
3rd lactation	3,899	251.2	80.6	161.9	42
4th lactation	3,233	253.0	82.3	164.7	42
5th lactation	2,300	244.3	84.3	163.7	41
6th lactation	1,566	240.0	86.7	161.0	42
7th lactation and over	1,745	210.5	85.9	152.0	46
Unknown	897	206.5	85.5	156.6	51
Overall total	23,743	224.4	84.7	148.4	49

Evolution of the number of lactations for Basco Bearnaise breed



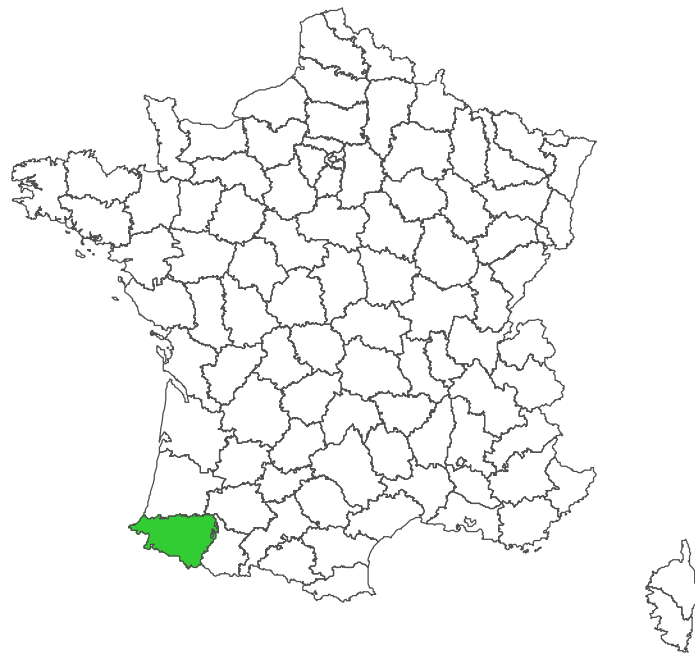
2.4 - Breed MANECH TETE NOIRE

(French breed code: 052)

Geographical distribution of ewes with lactations of Manech Tete Noire breed



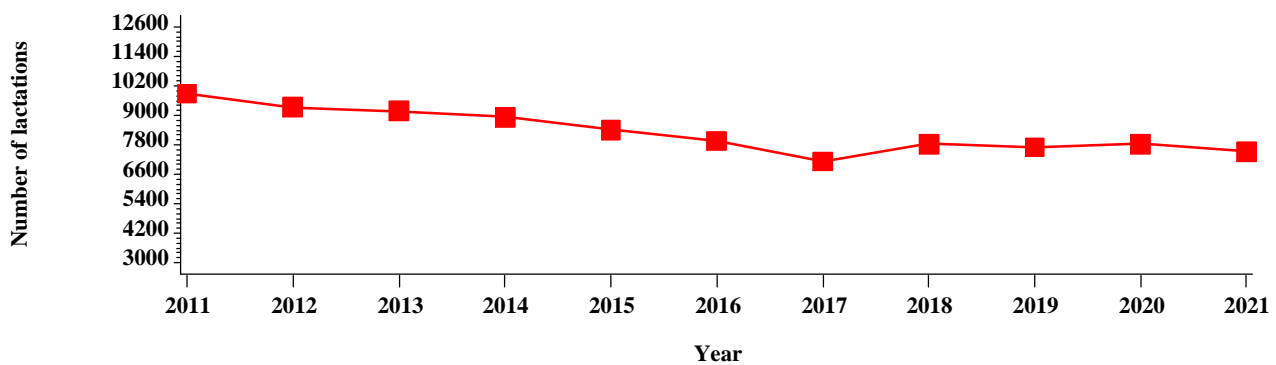
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Distribution by parity for Manech Tete Noire breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	1,672	171.9	70.2	145.1	50
2nd lactation	1,541	199.8	72.4	152.8	45
3rd lactation	1,264	202.9	72.3	155.4	43
4th lactation	985	193.9	73.6	153.8	43
5th lactation	766	176.0	70.3	148.1	46
6th lactation	503	170.6	69.0	145.3	46
7th lactation and over	507	149.2	64.9	139.4	45
Unknown	285	153.9	66.9	136.5	46
Overall total	7,523	183.8	72.9	149.2	46

Evolution of the number of lactations for Manech Tete Noire breed



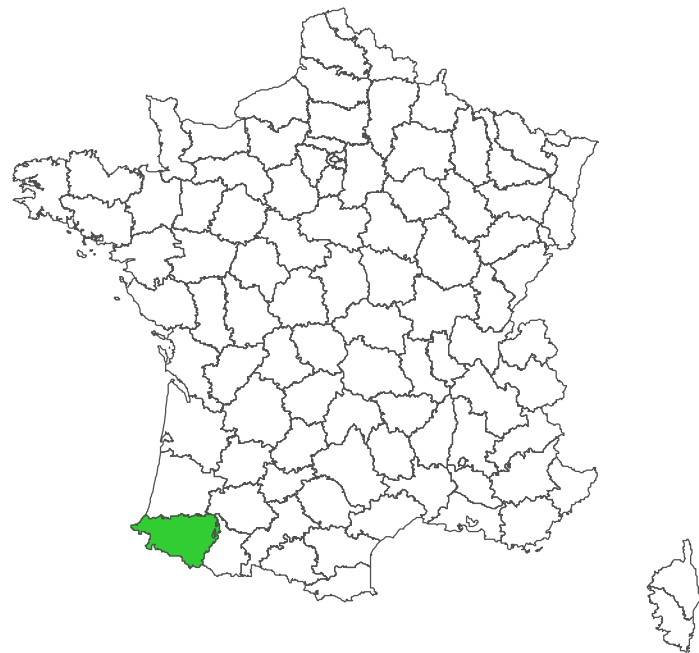
2.5 - Breed MANECH TETE ROUSSE

(French breed code: 053)

Geographical distribution of ewes with lactations of Manech Tete Rousse breed



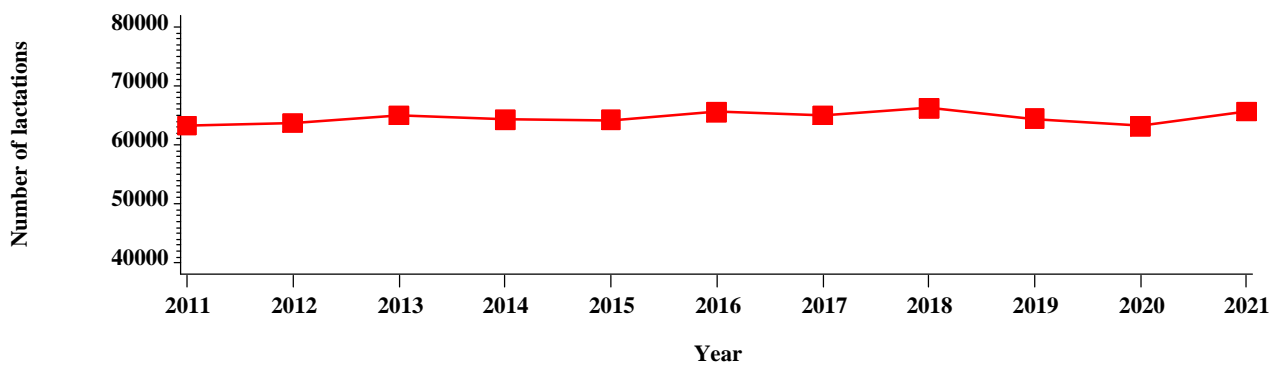
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Distribution by parity for Manech Tete Rousse breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	16,525	237.9	88.2	160.4	47
2nd lactation	13,583	265.1	91.2	164.9	48
3rd lactation	11,052	271.7	93.4	168.3	46
4th lactation	8,723	262.5	94.8	168.3	46
5th lactation	6,362	248.4	94.7	165.8	47
6th lactation	4,204	232.2	91.6	161.5	48
7th lactation and over	4,278	204.7	89.8	152.0	52
Unknown	949	211.7	94.6	152.8	50
Overall total	65,676	250.6	93.6	163.7	48

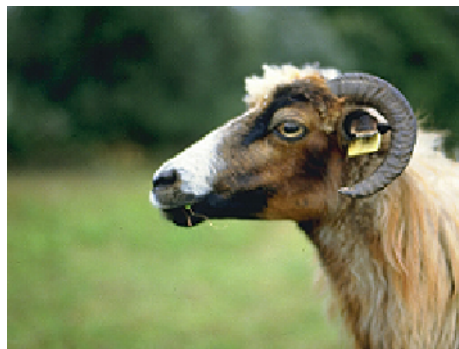
Evolution of the number of lactations for Manech Tete Rousse breed



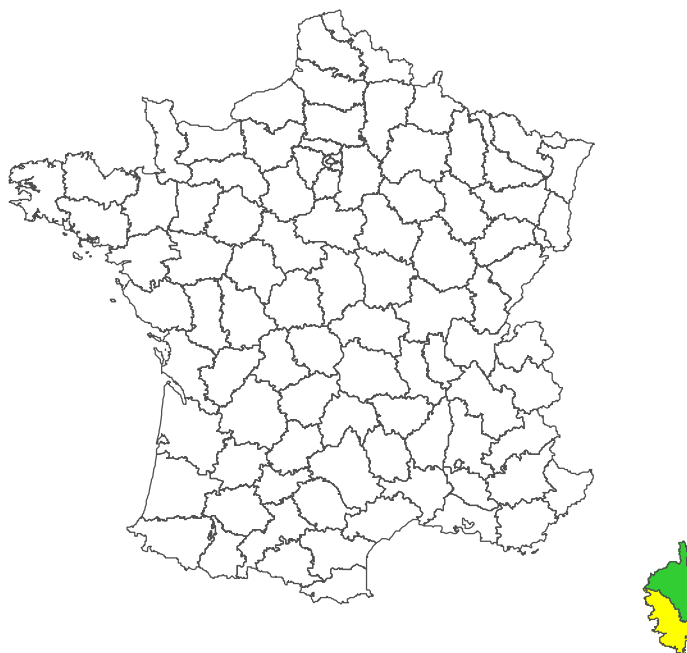
2.6 - Breed CORSE

(French breed code: 046)

Geographical distribution of ewes with lactations of Corse breed



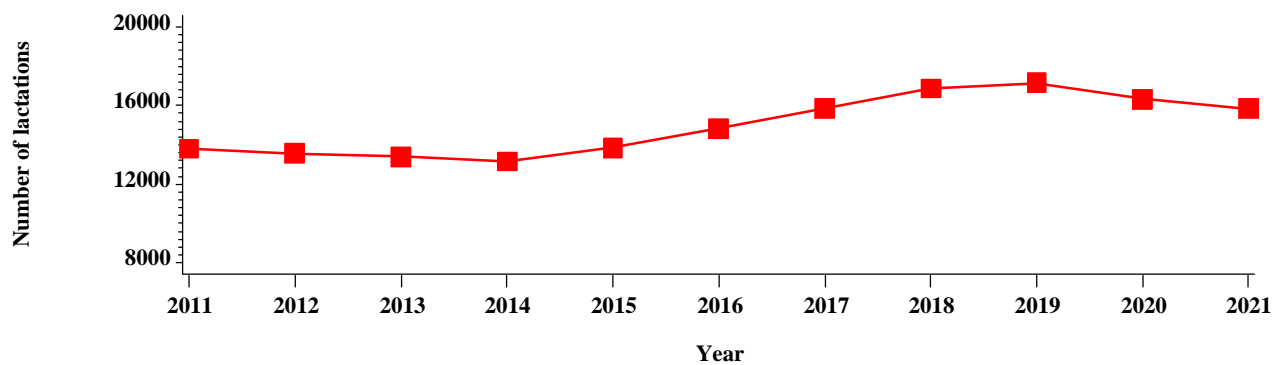
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Distribution by parity for Corse breed

Parity	Number of ewes in lactation	Milk yield <i>liters</i>	Milk yield standard deviation <i>liters</i>	Lactation duration <i>days</i>	Lactation duration standard deviation <i>days</i>
1st lactation	3,148	110.9	50.3	145.8	54
2nd lactation	2,784	154.0	62.5	187.7	59
3rd lactation	2,208	177.1	65.0	207.3	50
4th lactation	1,952	180.6	64.3	211.3	47
5th lactation	1,574	174.7	66.9	208.9	51
6th lactation	1,334	162.5	65.8	201.6	55
7th lactation and over	1,905	144.4	64.2	192.4	59
Unknown	936	137.2	62.4	179.1	61
Overall total	15,841	152.6	66.5	188.4	59

Evolution of the number of lactations for Corse breed



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Milk recording results

France 2021

CATTLE: 32,669 herds provided 2,064,131 qualified lactations in 2021. Decreasing respectively from 6.1% and 6.2% the herd number and the number of qualified lactations confirm the trend observed since several years. The three main French national breeds (Prim'Holstein, Montbéliarde and Normande) represent henceforth 90.6% of the total of qualified lactations (-0.4% compared to 2020). With 46.8% the percentage of herds with more than 60 qualified lactations is stable in 2021, confirming the end of the rising trend observed the previous year (46.8 in 2020, 47.5 in 2019, 45.1% in 2018 and 40.1% in 2017). In the same time, with 68.8% the rate of qualified lactations they represent follow the same trend (68.8 in 2020, 69% in 2019, 66.9% in 2018 and 63.1% in 2017). With an average milk production for complete lactations at 8,887 Kg, the milk yield is increasing in 2021 (+ 180kg). In the same time the average lactation duration reach 344 days (+4 days). Mean fat and protein rates reach respectively to 40.6 g/kg for fat (+0.1) and 32.9 g/kg for proteins (+0.1). A noticeable improvement in somatic cell count situation is again observed. The proportion of lactations for which all the test-dates obtain cell counts lower than 300,000 cells and the proportion of lactations having at least 2 test-dates with cell counts higher than 800,000 reach respectively 54.1% et 11.3%.

GOAT: The number of qualified lactations is slightly increasing in 2021 to reach 235,778 lactations (+ 2.863 lactations, +1.2 %). At the same time, the number of flocks is slightly decreasing to reach 1,457 flocks (-1.1%). The two main breeds (Alpine and Saanen) represent henceforth 96.5% of the total of qualified lactations. The proportion of primiparous dairy goats is slightly increasing and reaches 36 % (+0.5%), confirming the trend observed since 2018 (+0.8% in 2019, +1.7% in 2020). The milk yield reach 992 Kg per lactation (+3Kg). The lactation duration is stable at 321 days, confirming the increase observed for a few years (298 days in 2014). Meanwhile true-protein and fat rates are still increasing and reaches respectively 33.6 g/Kg (+0.2) and 37.7 g/Kg (+0.1).

SHEEP: Increasing by 4,740 (+1.4%), the total number of ewes present at the lambing period reached 335,171 in 2021. At the same time the total number of ewes with lactation calculation is increasing on 6,879 and reaches 285,321 (+2.4%). This increase of the ewes number on official milk recording (CLO) puts an end to the stability observed over the previous two years. 750 flocks are counted up today in Official Milk Recording, which is identical to that of the previous year. Meanwhile, with 447 ewes, the average size of flock still progressed in 2021 (441 ewes in 2020, 433 in 2019 and 428 in 2018). In 2021 the average milk yield is increasing for all breeds, Lacaune and Manech Tête Rousse breeds +7.3 liters, Basco Béarnaise breed +10 liters, Corse breed +3.8 liters, Manech Tête Noire breed +8.8 liters. At the national level the milk yield reached 299.2 liters (+7.6 liters) in 171 days (+2 days). A simplified milk recording, corresponding to the D recording method in the ICAR nomenclature and not presented in this document, exists in addition to the Official Milk Recording AC design. It concerns commercial flocks out of the selection nucleus (while the Official Milk Recording is devoted only to breeders involved in the selection program). 1,156 flocks and 531,798 ewes present at the lambing period were submitted to D recording in 2021.

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